

Product Datasheet

Aconitase 2 Antibody - BSA Free NBP2-15245

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-15245

Aconitase 2 Antibody - BSA Free

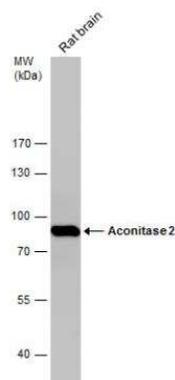
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Target Molecular Weight	85 kDa

Product Description	
Description	Novus Biologicals Rabbit Aconitase 2 Antibody - BSA Free (NBP2-15245) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	50
Gene Symbol	ACO2
Species	Human, Mouse, Rat, Chicken, Zebrafish
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rhesus Macaque (98%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Aconitase 2. The exact sequence is proprietary.

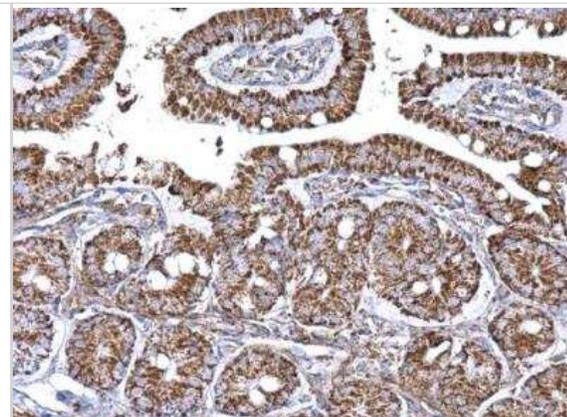
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:20000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

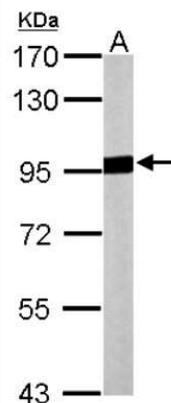
Western Blot: Aconitase 2 Antibody [NBP2-15245] - Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Aconitase 2 antibody [N1N3] diluted at 1:10000.



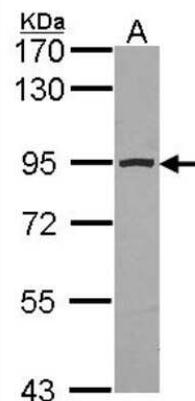
Immunohistochemistry-Paraffin: Aconitase 2 Antibody [NBP2-15245] - Paraffin-embedded mouse intestine. Aconitase 2 antibody [N1N3] dilution: 1:500.



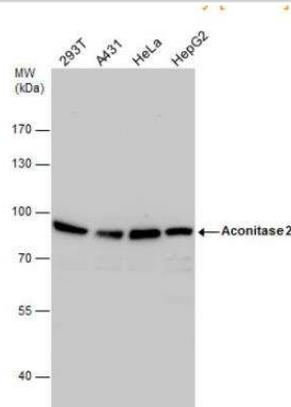
Western Blot: Aconitase 2 Antibody [NBP2-15245] - Sample (20 ug of whole cell lysate) A: mouse brain 7.5% SDS PAGE; antibody diluted at 1:10000.



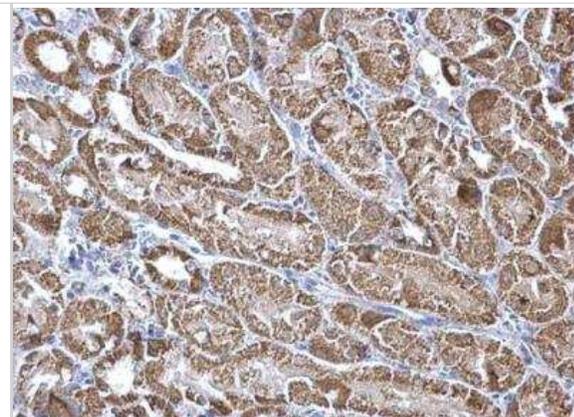
Western Blot: Aconitase 2 Antibody [NBP2-15245] - Sample (30 ug of whole cell lysate) A: JurKat 7.5% SDS PAGE Aconitase 2 antibody, antibody diluted at 1:1000.



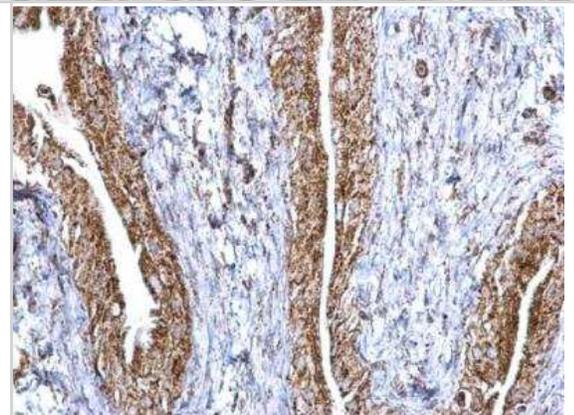
Western Blot: Aconitase 2 Antibody [NBP2-15245] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Aconitase 2 antibody diluted by 1:1000.



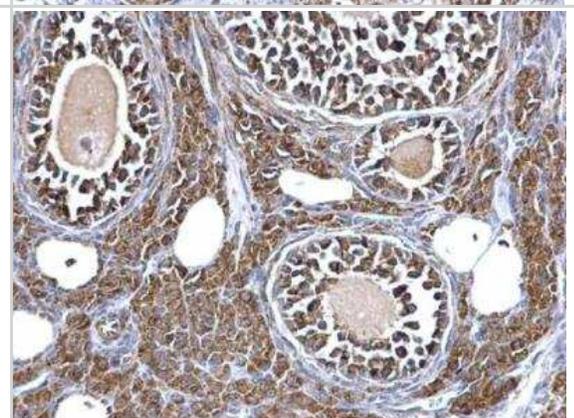
Immunohistochemistry-Paraffin: Aconitase 2 Antibody [NBP2-15245] - Paraffin-embedded mouse kidney. Aconitase 2 antibody [N1N3] dilution: 1:500.



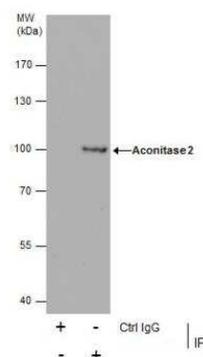
Immunohistochemistry-Paraffin: Aconitase 2 Antibody [NBP2-15245] - Paraffin-embedded mouse urinary bladder. Aconitase 2 antibody [N1N3] dilution: 1:500.



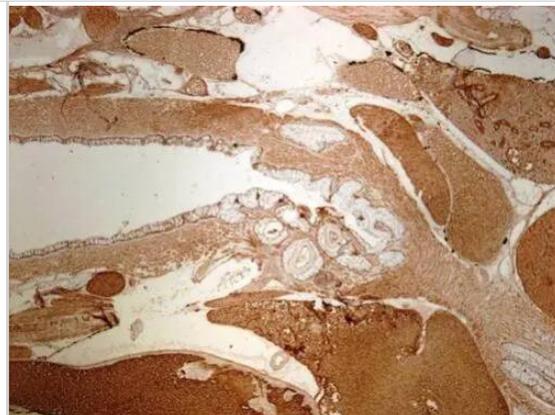
Immunohistochemistry-Paraffin: Aconitase 2 Antibody [NBP2-15245] - Paraffin-embedded mouse ovary. Aconitase 2 antibody [N1N3] dilution: 1:500



Immunoprecipitation: Aconitase 2 Antibody [NBP2-15245] - Immunoprecipitation of Aconitase 2 protein from HeLa whole cell extracts using 5 ug of Aconitase 2 antibody [N1N3] . Western blot analysis was performed using Aconitase 2 antibody [N1N3] .EasyBlot anti-Rabbit IgG was used as a secondary reagent



Immunohistochemistry: Aconitase 2 Antibody [NBP2-15245] -
 Immunohistochemical analysis of paraffin-embedded zebrafish tissue,
 using Aconitase 2 antibody [N1N3] (NBP2-15245) at 1:300 dilution.

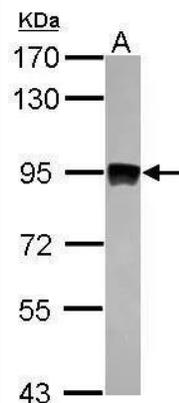


Western Blot: Aconitase 2 Antibody [NBP2-15245] - Sample (30 ug of
 whole cell lysate)

A: zebrafish eye

7.5% SDS PAGE

NBP2-15245 diluted at 1:1000



Aconitase 2 antibody [N1N3] detects Aconitase 2 protein at mitochondria
 by immunofluorescent analysis.

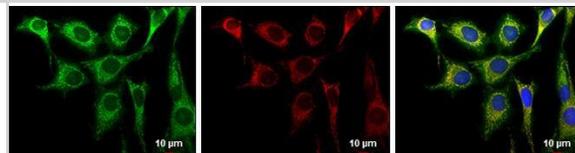
Sample: HeLa cells were fixed in 2% paraformaldehyde/culture medium
 at 37°C for 30 min.

Green: Aconitase 2 protein stained by Aconitase 2 antibody [N1N3]
 (NBP2-15245) diluted at 1:1000.

Red: MitoTrackerR Red CMXRos, a mitochondria tracker.

Blue: Hoechst 33342 staining.

Scale bar = 10 μm.





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Products Related to NBP2-15245

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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