

# Product Datasheet

## Aconitase 2 Antibody (0P3H3) NBP3-16426-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16426-100ul**

Aconitase 2 Antibody (0P3H3)

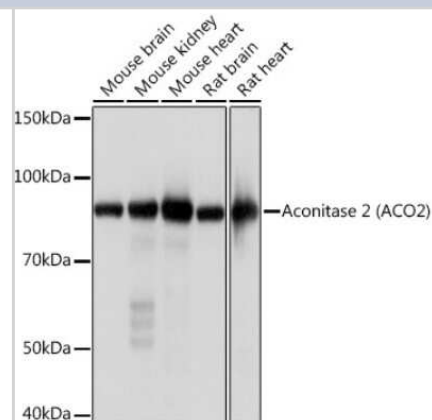
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	0P3H3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3

Product Description	
Host	Rabbit
Gene ID	50
Gene Symbol	ACO2
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human Aconitase 2 (Q99798). MAPYSLLVTRLQKALGVRQYHVASVLCQRAKVAMSHFEPNEYIHYDLLEKNINI VRKRLNRPLTLSEKIVYGHLDPPASQEIERGKSYLRLRPDRVAMQDATAQMAM LQFISSGLSKVAVPSTIHCDHLIEAQVGG EKDLRRAKDINQEV

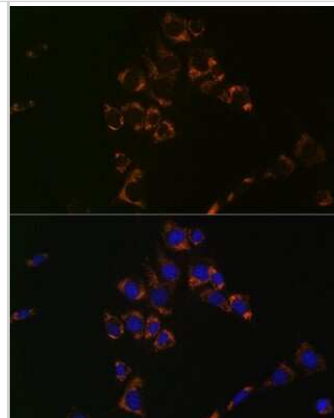
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

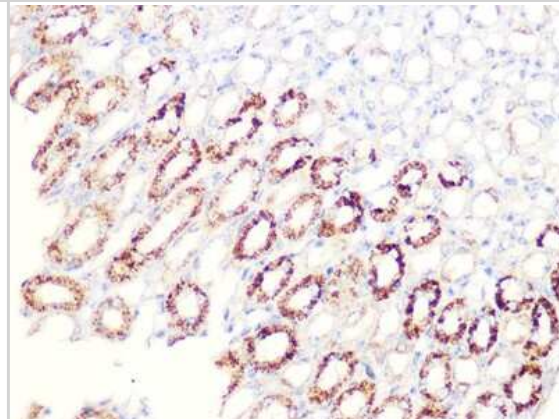
Western Blot: Aconitase 2 Antibody (0P3H3) [NBP3-16426] - Western blot analysis of extracts of various cell lines, using Aconitase 2 (ACO2) Rabbit mAb (NBP3-16426) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



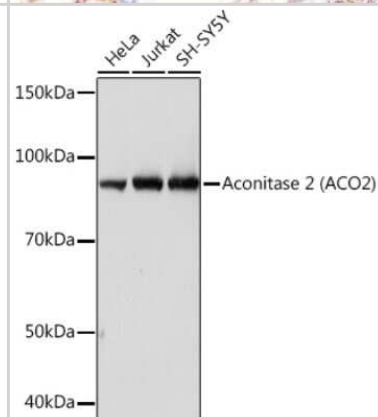
**Immunocytochemistry/Immunofluorescence: Aconitase 2 Antibody (0P3H3) [NBP3-16426]** - Immunofluorescence analysis of NIH-3T3 cells using Aconitase 2 (ACO2) Rabbit mAb (NBP3-16426) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



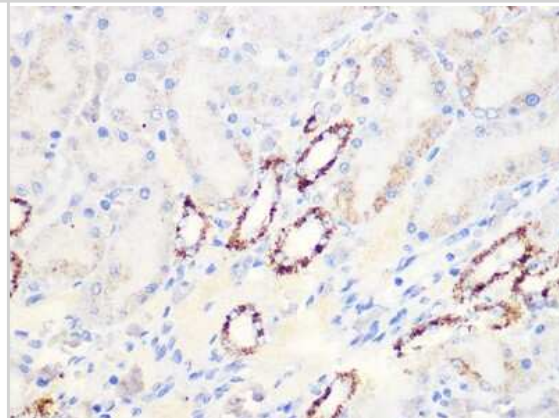
**Immunohistochemistry-Paraffin: Aconitase 2 Antibody (0P3H3) [NBP3-16426]** - Immunohistochemistry of paraffin-embedded mouse kidney using Aconitase 2 (ACO2) Rabbit mAb (NBP3-16426) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



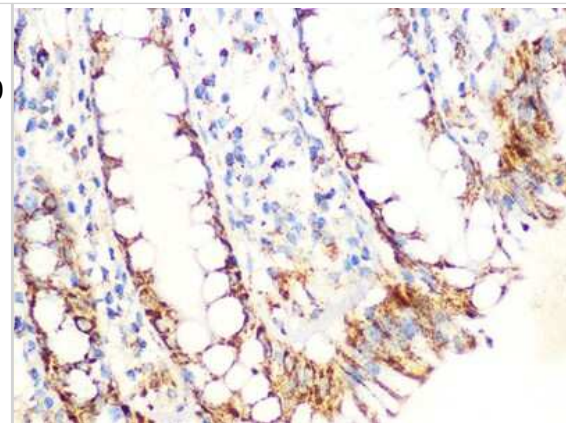
**Western Blot: Aconitase 2 Antibody (0P3H3) [NBP3-16426]** - Western blot analysis of extracts of various cell lines, using Aconitase 2 (ACO2) Rabbit mAb (NBP3-16426) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



**Immunohistochemistry-Paraffin: Aconitase 2 Antibody (0P3H3) [NBP3-16426]** - Immunohistochemistry of paraffin-embedded rat kidney using Aconitase 2 (ACO2) Rabbit mAb (NBP3-16426) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Aconitase 2 Antibody (0P3H3) [NBP3-16426] - Immunohistochemistry of paraffin-embedded human colon using Aconitase 2 (ACO2) Rabbit mAb (NBP3-16426) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.





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### **Products Related to NBP3-16426-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000050-Q01-10ug	Recombinant Human Aconitase 2 GST (N-Term) Protein

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### **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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