Product Datasheet

CARD6 Antibody - BSA Free
NBP2-15704

Unit Size: 0.1 ml

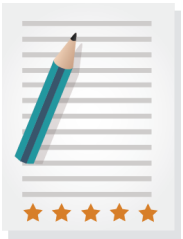
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-15704

Updated 9/25/2025 v.20.1



NBP2-15704

CARD6 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	116 kDa

Product Description

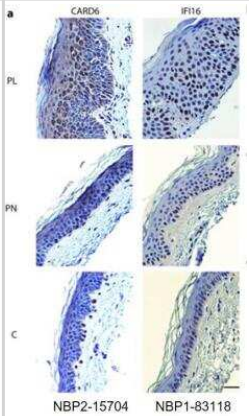
Description	Novus Biologicals Rabbit CARD6 Antibody - BSA Free (NBP2-15704) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CARD6 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84674
Gene Symbol	CARD6
Species	Human
Immunogen	Recombinant protein encompassing a sequence within the center region of human CARD6. The exact sequence is proprietary.

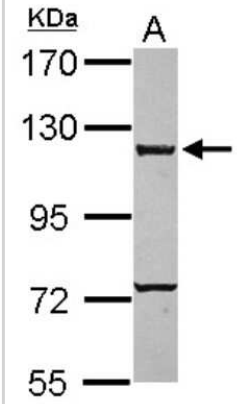
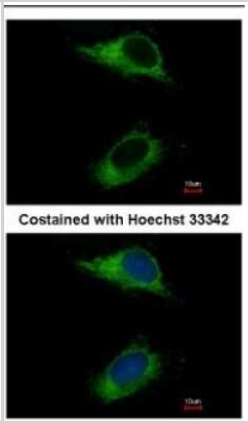
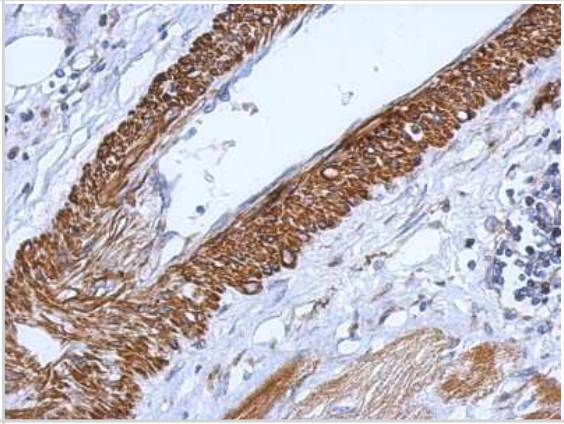
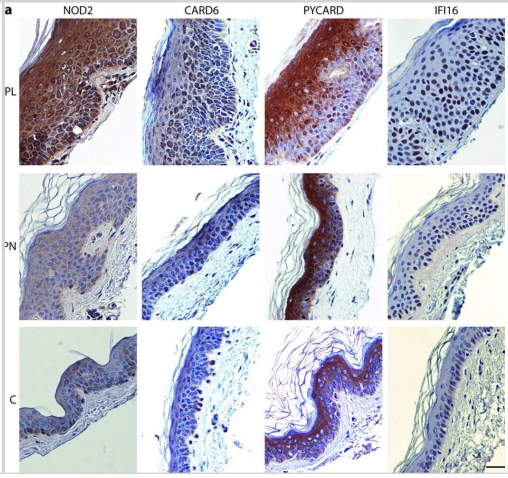
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Electron Microscopy, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Electron Microscopy
Application Notes	Electron microscopy usage reported in scientific literature (PMID: 26976200).

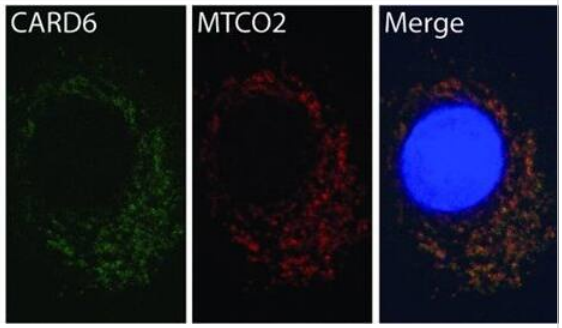
Images

Immunohistochemistry: CARD6 Antibody [NBP2-15704] - Induced expression of NOD2, CARD6, PYCARD and IFI16 in psoriasis lesions. Immunohistochemistry shows stronger NOD2, CARD6, PYCARD and IFI16 staining in PL (upper) than in controls (lower). PN (middle) and C are almost negative for NOD2 and CARD6. IFI16 is predominantly in nuclei of PL and PN. In controls IFI16 expression is weak and cytoplasmic. PYCARD is strongly induced in cytoplasm but also some nuclei are positive in PL and PN. Controls exhibit only a few PYCARD positive nuclei. Scale bar 50 um. Image collected and cropped by CiteAb from the following publication (https://www.nature.com/articles/srep22745) licensed under a CC-BY license.



Western Blot: CARD6 Antibody [NBP2-15704] - Sample (30 ug of whole cell lysate) A: A549 7. 5% SDS PAGE gel, diluted at 1:5000.	
Immunocytochemistry/Immunofluorescence: CARD6 Antibody [NBP2-15704] - Immunofluorescence analysis of methanol-fixed HeLa, using antibody at 1:500 dilution.	
Immunohistochemistry-Paraffin: CARD6 Antibody [NBP2-15704] - Immunohistochemical analysis of paraffin-embedded Gastric ca, using antibody at 1:500 dilution.	
Induced expression of NOD2, CARD6, PYCARD, & IFI16 in psoriasis lesions.(a) Immunohistochemistry shows stronger NOD2, CARD6, PYCARD, & IFI16 staining in PL (upper) than in controls (lower). PN (middle) & C are almost negative for NOD2 & CARD6. IFI16 is predominantly in nuclei of PL & PN. In controls IFI16 expression is weak & cytoplasmic. PYCARD is strongly induced in cytoplasm but also some nuclei are positive in PL & PN. Controls exhibit only a few PYCARD positive nuclei. Scale bar 50 μm. (b) IEM of PL shows PYCARD clusters in cytoplasm. (c) Immunofluorescence of keratinocytes colocalizes CARD6 with a mitochondrial MTCO2. (d) IEM of psoriatioc lesional samples also localized CARD6 in the mitochondria (arrow head). Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/26976200), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	

Immunocytochemistry/ Immunofluorescence: CARD6 Antibody [NBP2-15704] - Induced expression of NOD2, CARD6, PYCARD, & IFI16 in psoriasis lesions.(a) Immunohistochemistry shows stronger NOD2, CARD6, PYCARD, & IFI16 staining in PL (upper) than in controls (lower). PN (middle) & C are almost negative for NOD2 & CARD6. IFI16 is predominantly in nuclei of PL & PN. In controls IFI16 expression is weak & cytoplasmic. PYCARD is strongly induced in cytoplasm but also some nuclei are positive in PL & PN. Controls exhibit only a few PYCARD positive nuclei. Scale bar 50 µm. (b) IEM of PL shows PYCARD clusters in cytoplasm. (c) Immunofluorescence of keratinocytes colocalizes CARD6 with a mitochondrial MTCO2. (d) IEM of psoriatioc lesional samples also localized CARD6 in the mitochondria (arrow head). Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/26976200), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Tervaniemi MH, Katayama S, Skoog T et al. NOD-like receptor signaling and inflammasome-related pathways are highlighted in psoriatic epidermis. Sci Rep. 2016-03-15 [PMID: 26976200] (IHC-P, ICC/IF, EM, Human)

Details:
HDAC1 antibody was used for WB analysis of abdominal aorta samples from control subjects and the patients undergoing abdominal aortic aneurysms /AAA.

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Products Related to NBP2-15704

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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