

Product Datasheet

CARD8 Antibody - BSA Free NB100-56181

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56181

CARD8 Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

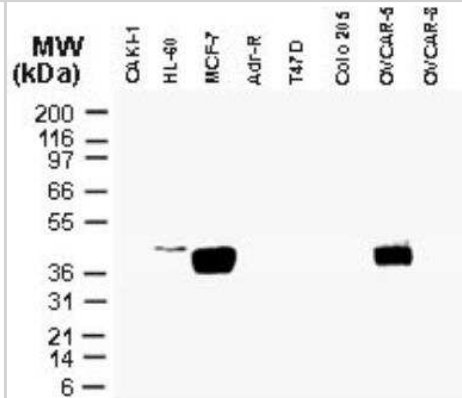
Product Description	
Description	Novus Biologicals Rabbit CARD8 Antibody - BSA Free (NB100-56181) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-CARD8 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	22900
Gene Symbol	CARD8
Species	Human
Immunogen	Full-length recombinant human TUCAN (CARD8) protein was used as immunogen. The recombinant protein sequence corresponds to GenBank no. gi 14424229 sp Q9Y2G2 CARD8_HUMAN.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000
Application Notes	The gene encoding TUCAN produces, by alternative splicing, multiple transcripts, with introns, putatively encoding numerous different protein isoforms. Thus the molecular weight observed by SDS-PAGE can vary depending on the TUCAN form expressed.

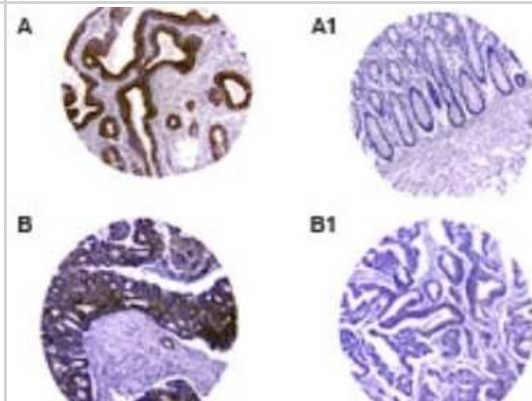


Images

Western Blot: CARD8 Antibody [NB100-56181] - Analysis of CARD8 in tumor cell lines using this antibody. Cell lysates were normalized for total protein content.



Immunohistochemistry-Paraffin: CARD8 Antibody [NB100-56181] - Formalin-fixed, paraffin-embedded tumor/normal adjacent tissue cores from a human colon tissue microarray stained for TUCAN/CARD8 expression at 1:2000 using NB100-56181. A and B are tumor tissue cores. A1 and B1 are the matched normal adjacent cores from A and B, respectively. Hematoxylin-eosin counterstain.



Immunohistochemistry-Paraffin: CARD8 Antibody [NB100-56181] - Formalin-fixed, paraffin-embedded tissue human colon microarray stained for TUCAN/CARD8 expression at 1:2000 using NB100-56181. A-A2, successively higher magnifications of the microarray. A, low magnification overview. A1, differential TUCAN/CARD8 staining between tissue cores is observed. A2, Areas of intense TUCAN/CARD8 staining in a colon carcinoma tissue core. Hematoxylin eosin counterstain.



Publications

Mao L, Kitani A, Similuk M, Oler AJ. Loss-of-function CARD8 mutation causes NLRP3 inflammasome activation and Crohn's disease. *J. Clin. Invest.* 2018-02-06 [PMID: 29408806] (WB, Human)



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Products Related to NB100-56181

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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