

Product Datasheet

ASC2 Antibody NB100-56076

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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NB100-56076

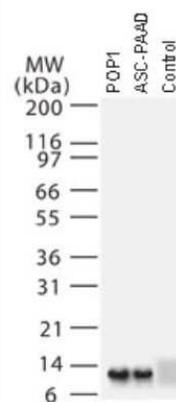
ASC2 Antibody

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	Neat whole antisera
Product Description	
Host	Rabbit
Gene ID	260434
Gene Symbol	PYDC1
Species	Human, Mouse
Immunogen	A recombinant full-length human ASC-2/POP1 protein was used as immunogen.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000-1:5000
Application Notes	In immunohistochemical studies, ASC-2/POP1 has been found to expressed predominantly in macrophages and granulocytes (Stehlik et al, 2003).

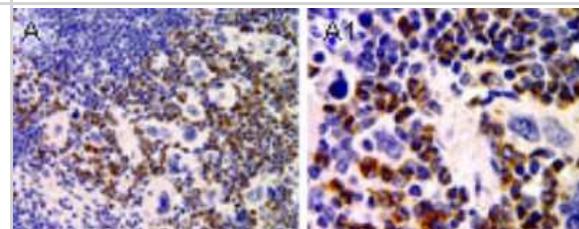


Images

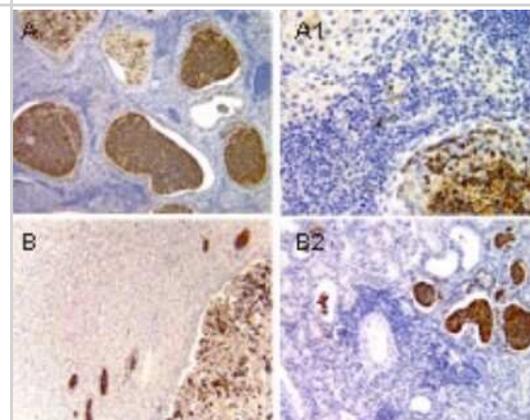
Western Blot: ASC2 Antibody [NB100-56076] - Used to analyze ASC2/POP1 . HEK-293 cells were transiently transfected with plasmids encoding ASC-2, POP1 or a negative control plasmid. ASC-2 and POP1 were detected at the expected 12 kDa molecular weight.



Immunohistochemistry-Paraffin: ASC2 Antibody [NB100-56076] - Used at 1:2000 to analyze ASC-2 expression in mouse spleen. A and A1, spleen at low and high magnification, respectively. ASC-2 staining is seen in the granulocytes, whereas the lymph and megakaryocytes are negative.



Immunohistochemistry: ASC2 Antibody [NB100-56076] - Used at 1:2000 to analyze ASC-2/POP1 expression in mouse. A) prostate tissue from a male mouse prostatitis. B) kidney from a mouse with pyelonephritis. A1 and B1, high magnification of A and B, respectively.



Publications

Cai R, Xu Y, Ren Y et al. MicroRNA-136-5p protects cardiomyocytes from coronary microembolization through the inhibition of pyroptosis Apoptosis : an international journal on programmed cell death 2022-01-27 [PMID: 35084609]

Stehlik C, Krajewska M, Welsh K et al. The PAAD/PYRIN-only protein POP1/ASC2 is a modulator of ASC-mediated nuclear-factor-kappa B and pro-caspase-1 regulation. Biochem J. 2003-07-01 [PMID: 12656673] (WB)



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Products Related to NB100-56076

NB820-59259	Human Spleen Whole Tissue Lysate (Adult Whole Normal)
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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