

Product Datasheet

AIF Antibody - BSA Free NBP2-27177

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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NBP2-27177

AIF 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

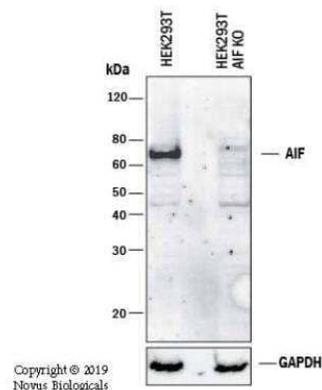
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit AIF Antibody - BSA Free (NBP2-27177) is a polyclonal antibody validated for use in IHC, WB, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9131
Gene Symbol	AIFM1
Species	Human, Mouse, Rat, Bovine, Canine
Immunogen	(aa 151-170); human

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:1000-1:2000~, Simple Western 1:500, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000~, Immunohistochemistry-Frozen 1:1000-1:5000, Knockout Validated
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Jurkat and MCF-7 lysate 0.2 mg/mL, separated by Size, antibody dilution of 1:500

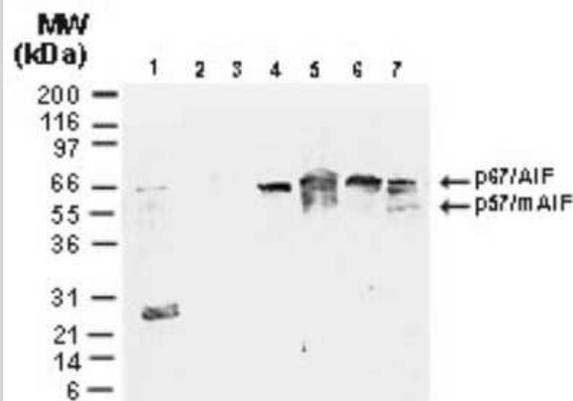


Images

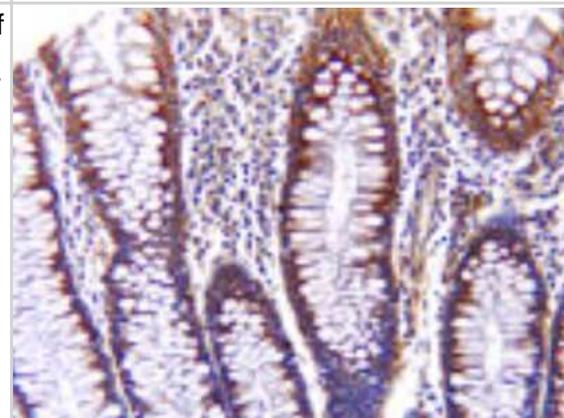
Western Blot: AIF Antibody [NBP2-27177] - Western blot shows lysates of HEK293T human embryonic kidney parental cell line and AIF knockout (KO) HEK293T cell line. PVDF membrane was probed with 1:1000 of Rabbit Anti-Human AIF Polyclonal Antibody (Catalog # NBP2-27177) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog #HAF008). Specific band was detected for HDAC1 at approximately 68 kDa (as indicated) in the parental HEK293T cell line, but is not detectable in the knockout HEK293T cell line. This experiment was conducted under reducing conditions.



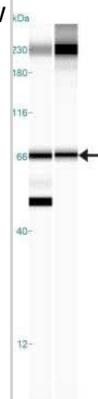
Western Blot: AIF Antibody [NBP2-27177] - Analysis of AIF in human colon using this antibody. Lane 1, normal colon. Lanes 2-7, colon carcinoma tissue lysates from 6 different patients. mAIF, thought to represent mitochondrial AIF.



Immunohistochemistry-Paraffin: AIF Antibody [NBP2-27177] - Staining of AIF in formalin-fixed, paraffin-embedded normal human colon using this antibody at 1:2000. Hematoxylin-eosin counterstain. In this example, AIF expression is predominant in the upper part of the crypt.



Simple Western: AIF Antibody [NBP2-27177] - Simple Western lane view shows a specific band for AIF in 0.2 mg/ml of Jurkat and MCF-7 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. *Non-specific interaction with the 230 kDa standard may be seen with this antibody.





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Products Related to NBP2-27177

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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