

# Product Datasheet

## AIF Antibody - BSA Free NBP2-33932

Unit Size: 0.1 ml

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

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### Publications: 1

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Updated 2/23/2025 v.20.1

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**NBP2-33932**

AIF 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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

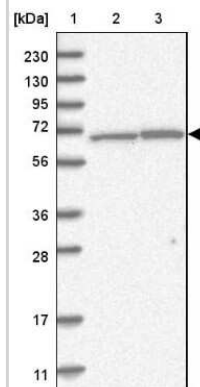
Product Description	
Host	Rabbit
Gene ID	9131
Gene Symbol	AIFM1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GLEPNVELAKTGGLEIDSDFGGFRVNAELQARSNIWVAGDAACFYDIKLGRRR VEHHDHAVVSGRLAGENMTGAAKPYWHQSMFWSDLGPDVGYEAIGLVDSSL PTVGV

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.



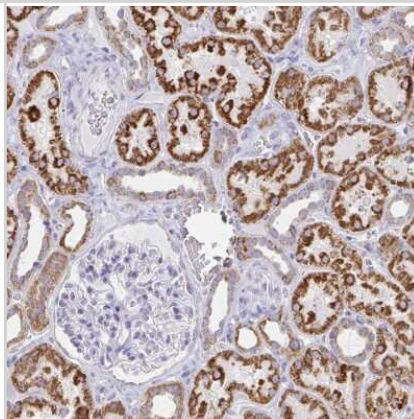
## Images

Western Blot: AIF Antibody [NBP2-33932] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp

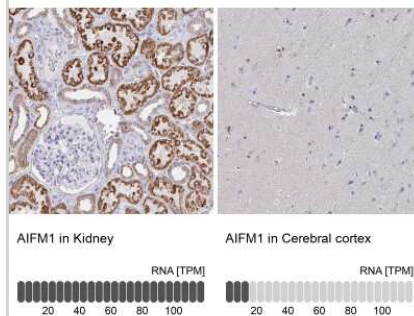


Immunohistochemistry-Paraffin: AIF Antibody [NBP2-33932] - Staining of human cerebral cortex shows low expression as expected. 

Immunohistochemistry-Paraffin: AIF Antibody [NBP2-33932] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: AIF Antibody [NBP2-33932] - Staining in human kidney and cerebral cortex tissues using anti-AIFM1 antibody. Corresponding AIFM1 RNA-seq data are presented for the same tissues.



## Publications

Holly J. Beaulac, Felicia Gilels, Jingyuan Zhang, Sarah Jeoung, Patricia M. White Primed to die: an investigation of the genetic mechanisms underlying noise-induced hearing loss and cochlear damage in homozygous *Foxo3*-knockout mice *Cell Death & Disease* 2021-07-07 [PMID: 34234110]



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### Products Related to NBP2-33932

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NBP2-33932PEP	AIF Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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