

Datasheet for ABIN6736699
anti-AIF antibody (AA 211-260)



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2 Images

Overview

Quantity:	100 µL
Target:	AIF (AIFM1)
Binding Specificity:	AA 211-260
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Horse, Zebrafish (Danio rerio), Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa211-260 of human AIFM1 (O95831-2, NP_665812). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Cat, Bovine, Horse, Pig (100%), Monkey, Rabbit, Guinea pig (92%), Opossum, Turkey, Chicken (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human AIFM1 / AIF
Predicted Reactivity:	Percent identity by BLAST analysis:

Product Details

Purification: Immunoaffinity purified

Target Details

Target: AIF (AIFM1)

Alternative Name: AIFM1 / AIF / PDCD8 ([AIFM1 Products](#))

Background: Name/Gene ID: AIFM1
Family: Apoptosis

Synonyms: AIFM1, AIF, COXPD6, PDCD8, Programmed cell death 8

Gene ID: 9131

NCBI Accession: [NP_665812](#)

UniProt: [O95831](#)

Pathways: [Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#), [Cell RedoxHomeostasis](#), [Smooth Muscle Cell Migration](#), [Warburg Effect](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

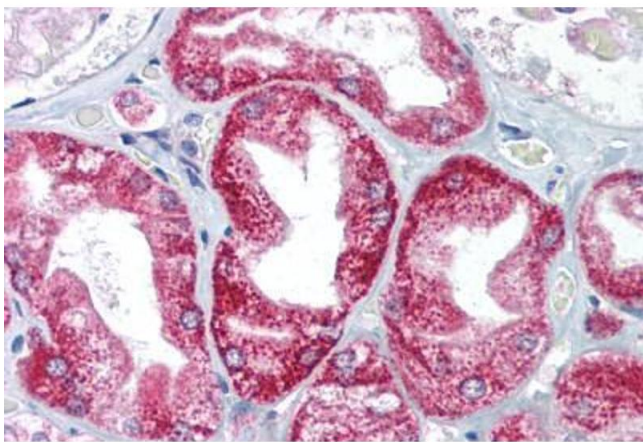
Reconstitution: After adding water, will consist of PBS buffer with 2 % sucrose

Concentration: Lot specific

Handling

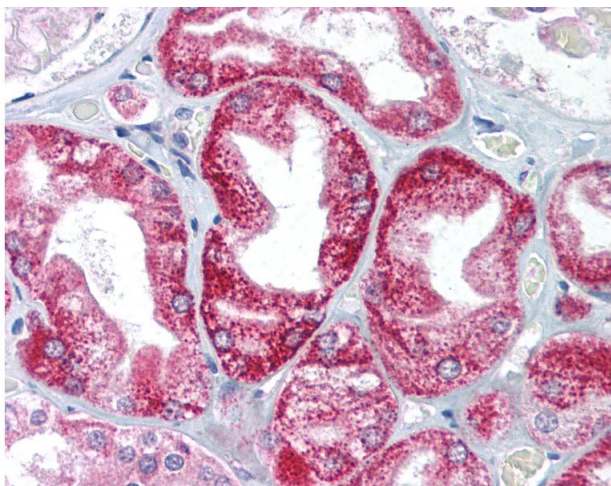
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Kidney (formalin-fixed, paraffin-embedded) stained with AIFM1 antibody ABIN214083 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-AIFM1 / AIF antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Oth ...