

Product Datasheet

AIF1 Antibody (orb1249312)

Catalog Number	orb1249312
Category	Antibodies
Description	AIF1 Antibody
Target	AIF1
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Porcine
Form/Appearance	Liquid
Concentration	500 ug/mL
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Immunogen	The immunogen for this antibody is: C-TGPPAKKAISELP
UniProt ID	P55008
Tested applications	ELISA, WB

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Application notes

Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 17kDa band observed in Human Brain (Frontal Cortex) and Rat Brain lysates (calculated MW of 16.7kDa according to Human NP_001614.3 and 16.8kDa according to Rat NP_058892.1). Recommended concentration: 0.3-1µg/mL. Primary incubation was 1 hour. This antibody can also be purchased as directly conjugated to HRP. Please specify when you order.

Specificity

This antibody is expected to recognize isoform 1 (NP_116573.1) and isoform 3 (NP_001614.3).

Antibody Type

Primary Antibody

Modifications

None

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

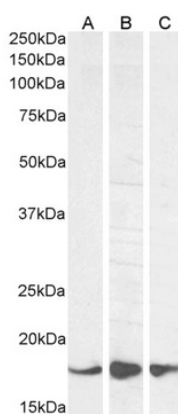
For research use only

NCBI

NP_001614.3, NP_116573.1

Expiration Date

12 months from date of receipt.



orb1249312 (1 ug/ml) staining of Human (A) and (0.5 ug/ml) of Mouse (B) and Rat (C) Brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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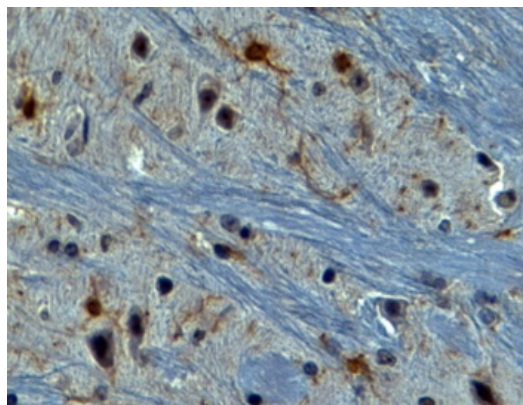
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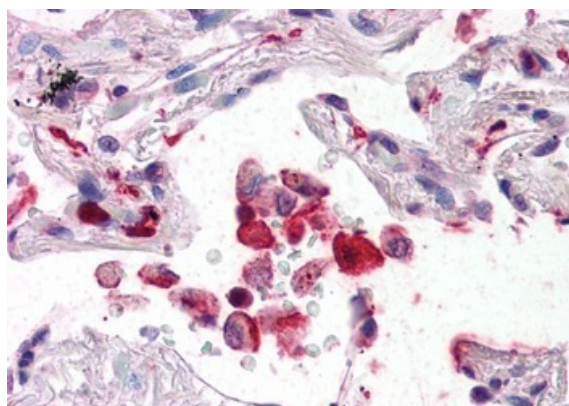
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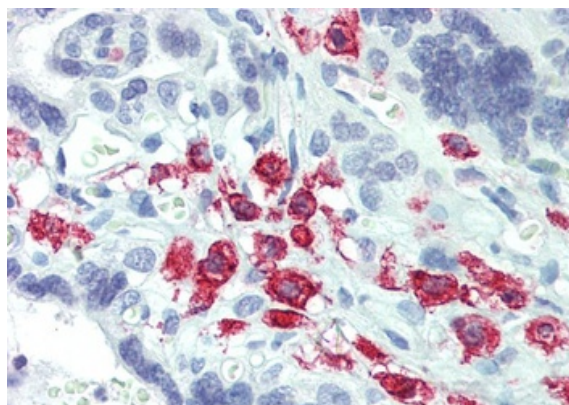
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orb1249312 (2 ug/ml) staining of paraffin embedded Mouse Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. This data is from a previous batch, not on sale.



orb1249312 (5 ug/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with Tris/EDTA buffer pH 9, AP-staining. This data is from a previous batch, not on sale.



orb1249312 (5 ug/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.

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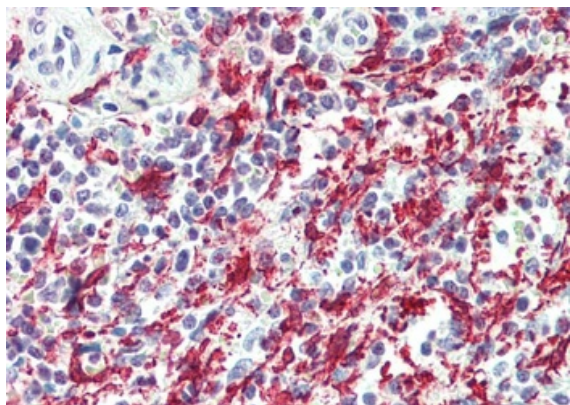
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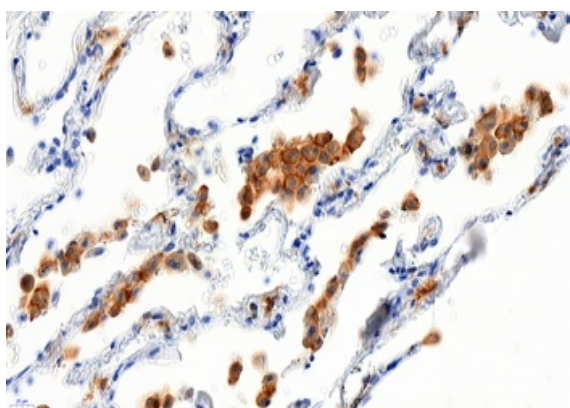
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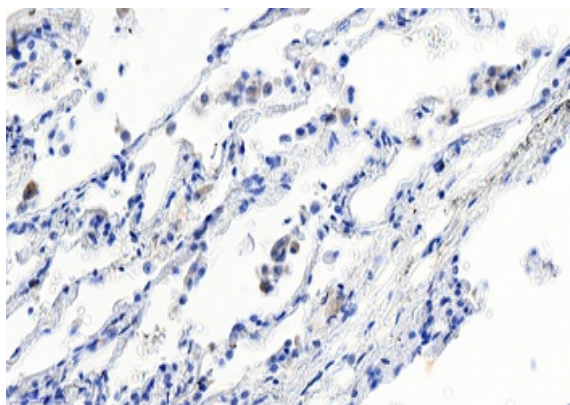
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orb1249312 (5 ug/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.



orb1249312 (5 ug/ml) staining of paraffin embedded Human Lung. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining. This data is from a previous batch, not on sale.



orb1249312 Negative Control showing staining of paraffin embedded Human Lung, with no primary antibody. This data is from a previous batch, not on sale.

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