

Product Datasheet

AIF1/IBA1 isoform 1 and 3 Antibody (orb18542)

Catalog Number	orb18542
Category	Antibodies
Description	Goat polyclonal antibody to Interferon gamma
Target	AIF1/IBA1 isoform 1 and 3
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Porcine
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.
Protein Sequence	TGPPAKKAISELP
RRID	AB_10750970
MW	10.5; 16.7
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:128000, WB: 0.5-1µg/ml, IHC-P: 5µg/ml

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Application notes

ELISA: antibody detection limit dilution 1:128000. IHC: In paraffin embedded Mouse Brain shows distinct staining of astrocytes. Recommended concentration, 2-4µg/ml. Data obtained from a previous batch (different goat). WB: Approx 17kDa band observed in Human Brain (Frontal Cortex) and Rat Brain lysates (calculated MW of 16.7kDa according to NP_001614.3). Recommended concentration: 0.1-0.3µg/ml.

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

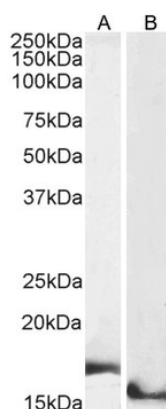
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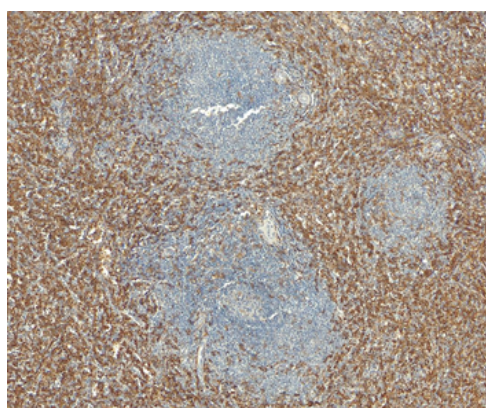
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Expiration Date

12 months from date of receipt.



1 µg/ml staining of Mouse (A) and (3 µg/ml) Rat (B) Brain lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



6 µg/ml staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

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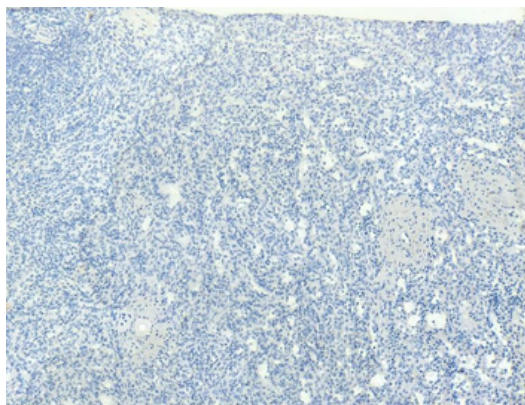
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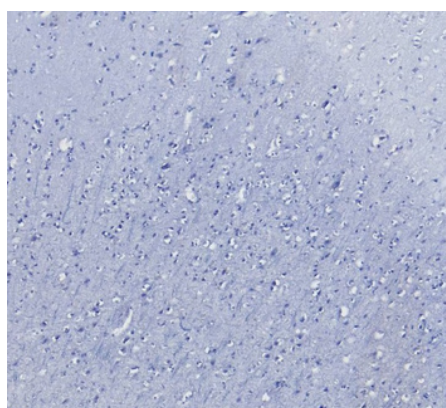
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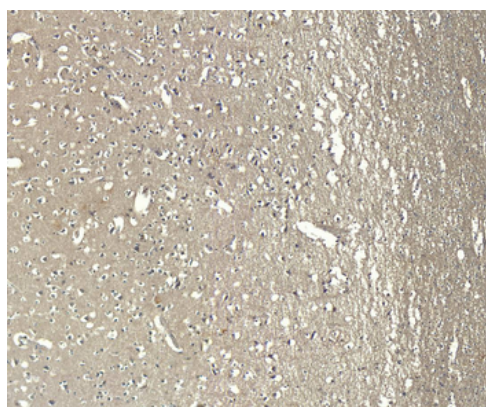
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Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.



Negative Control showing staining of paraffin embedded Human Frontal Cortex, with no primary antibody.



4 µg/ml staining of paraffin embedded Human Frontal Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

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