

GOAT ANTI-AIF1 / IBA1 (ISOFORM 3) ANTIBODY

SKU: EB07174



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	ionized calcium-binding adapter molecule interferon gamma responsive transcript Em:AF129756.17 IRT-1 AIF-1 DASS-82G15.2 allograft inflammatory factor 1 IBA1 AIF1
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the nucleus and cytoplasm of CaCo-2 and U937 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of U937 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_001614.3
Blocking Peptide	EBP07174
Immunogen	Peptide with sequence C-NKQFLDDPKYSSDED, from the internal region of the protein sequence according to NP_001614.3.
Product Comments	This antibody is expected to recognise isoform 3 (NP_001614.3) only.
Peptide Sequence	C-NKQFLDDPKYSSDED

Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Dog
Reactive Species	Human
Human Gene ID	199
Mouse Gene ID	11629
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Spleen and Brain (Cortex). Recommended concentration: 5-7µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:128000.
Application Type	Pep-ELISA, IF, FC, IHC

SELECTED REFERENCES

[{"pmid": 22201683, "intro": "**This antibody (previous batch) has been successfully used in IHC on Rat:**", "title": "Obesity is associated with hypothalamic injury in rodents and humans.", "author": "Joshua P. Thaler, Chun-Xia Yi, Ellen A. Schur, Stephan J. Guyenet, Bang H. Hwang, Marcelo O. Dietrich, Xiaolin Zhao, David A. Sarruf, Vitaly Izgur, Kenneth R. Maravilla, Hong T. Nguyen, Jonathan D. Fischer, Miles E. Matsen, Brent E. Wisse, Gregory J. Morton, Tamas L. Horvath, Denis G. Baskin, Matthias H. Tschöp, and Michael W. Schwartz", "journal": "J Clin Invest. 2012 Jan 3; 122(1): 153-162."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

