



# GOAT ANTI-AIF1 / IBA1 (ISOFORM 3) ANTIBODY

SKU: EB07174



## SPECIFICATIONS

|                              |  |
|------------------------------|--|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  |
| <b>Unit Size</b>             | 100 µg   |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Synonym / Alias Names</b> | 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  |
| <b>Usage Summary</b>         | <p><b>Immunofluorescence:</b> Strong expression of the protein seen in the nucleus and cytoplasm of CaCo-2 and U937 cells. Recommended concentration: 10µg/ml.</p> <p><b>Flow Cytometry:</b> Flow cytometric analysis of U937 cells. Recommended concentration: 10ug/ml.</p> |
| <b>Accession ID</b>          | NP_001614.3  |
| <b>Blocking Peptide</b>      | EBP07174   |
| <b>Immunogen</b>             | Peptide with sequence C-NKQFLDDPKYSSDED, from the internal region of the protein sequence according to NP_001614.3.  |
| <b>Product Comments</b>      | This antibody is expected to recognise isoform 3 (NP_001614.3) only.   |
| <b>Peptide Sequence</b>      | C-NKQFLDDPKYSSDED  |



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

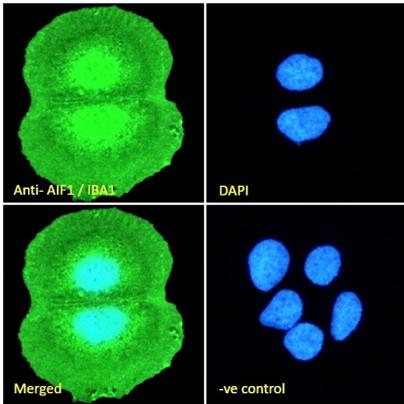
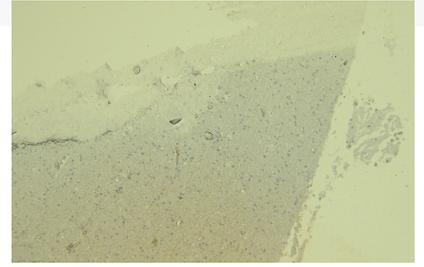
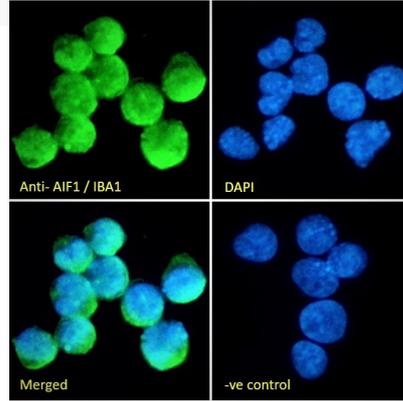
## GALLERY IMAGES



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Goat Anti-AIF1 / IBA1 (isoform 3) Antibody

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