

Product Datasheet

BAI1 Antibody - BSA Free NB110-81586

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB110-81586

BAI1 Antibody - BSA Free

| Product Information | |
|---------------------|-----------------------------|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS |

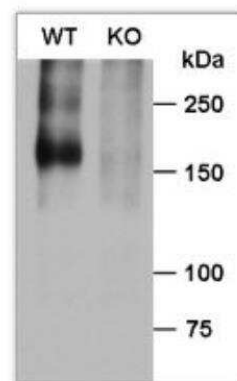
| Product Description | |
|---------------------|--|
| Host | Rabbit |
| Gene ID | 575 |
| Gene Symbol | ADGRB1 |
| Species | Human, Mouse |
| Immunogen | Synthetic peptide made to a C-terminal portion of the human BAI1 protein (within residues 1500-1584). [Swiss-Prot# O14514] |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot reported in scientific literature, Immunohistochemistry 1:1000-1:3000, Immunocytochemistry/ Immunofluorescence 1:1000, Immunohistochemistry-Paraffin 1:1000-1:3000 |

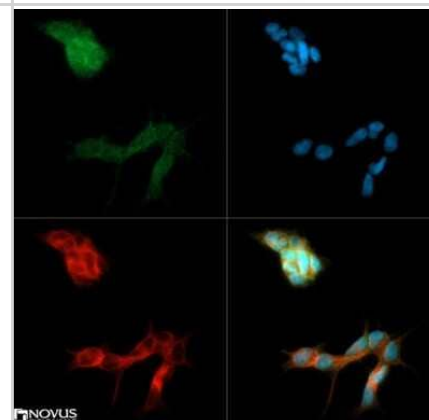


Images

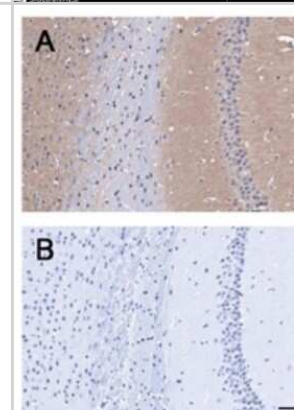
Western Blot: BAI1 Antibody [NB110-81586] - analysis of BAI1 in mouse brain tissue using anti-BAI1 antibody. KO mice was used as negative controls (right lane). Image from verified customer review.



Immunocytochemistry/Immunofluorescence: BAI1 Antibody [NB110-81586] - BAI1 antibody was tested in SH-SY-5Y cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).



Immunohistochemistry-Paraffin: BAI1 Antibody [NB110-81586] - A. Staining of mouse brain using NB110-81586. B. Blocking of staining using control peptide, NB110-81586PEP.



Publications

Zhang H, Zhu D, Zhang Z et al. EZH2 targeting reduces medulloblastoma growth through epigenetic reactivation of the BAI1/p53 tumor suppressor pathway *Oncogene* 2020-01-30 [PMID: 31582835] (Immunohistochemistry)

Toutonji A, Krieg C, Borucki DM et al. Mass cytometric analysis of the immune cell landscape after traumatic brain injury elucidates the role of complement and complement receptors in neurologic outcomes *Acta neuropathologica communications* 2023-06-12 [PMID: 37308987] (CyTof, Mouse)

Liu L, Chai L, Ran J et al. BAI1 acts as a tumor suppressor in lung cancer A549 cells by inducing metabolic reprogramming via the SCD1/HMGCR module *Carcinogenesis* 2020-04-07 [PMID: 32255478]

Cao J, Liu X, Yang Y et al. Decylubiquinone suppresses breast cancer growth and metastasis by inhibiting angiogenesis via the ROS/p53/BAI1 signaling pathway *Angiogenesis* 2020-02-04 [PMID: 32020421] (IF/IHC)

Zhu D, Osuka S, Zhang Z et al. BAI1 Suppresses Medulloblastoma Formation by Protecting p53 from Mdm2-Mediated Degradation *Cancer Cell* 2018-06-11 [PMID: 29894688] (Mouse, Human)

Hochreiter-Hufford AE, Lee CS, Kinchen JM et al. Phosphatidylserine receptor BAI1 and apoptotic cells as new promoters of myoblast fusion. *Nature* 2013-05-09 [PMID: 23615608] (WB, Mouse)



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Products Related to NB110-81586

| | |
|----------------|---|
| NB110-81586PEP | BA11 Antibody Blocking Peptide |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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