



Datasheet for ABIN7042973

anti-BAI2 antibody (Extracellular, N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	25 µL
Target:	BAI2
Binding Specificity:	AA 277-290, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)EPKVKTQWPRSADE, corresponding to amino acid residues 277-290 of mouse BAI2
Isotype:	IgG
Characteristics:	Anti-BAI2 (extracellular) Antibody (ABIN7042973, ABIN7043945 and ABIN7043946)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot analysis. The antibody recognizes an extracellular epitope, and can potentially be used for detecting the protein in living cells. It has been designed to recognize BAI2 from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

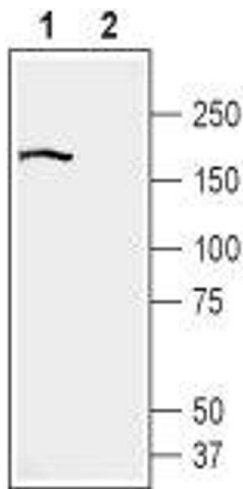
Target:	BAI2
Alternative Name:	BAI2 (BAI2 Products)
Background:	Alternative names: BAI2, Brain-specific angiogenesis inhibitor 2, Adhesion G protein-coupled receptor B2, ADGRB2
Gene ID:	230775
NCBI Accession:	NM_001703
UniProt:	Q8CGM1

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

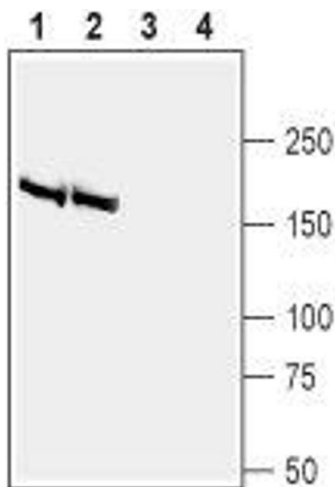
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of human SHSY-5Y neuroblastoma cell line lysates: - 1. Anti-BAI2 (extracellular) Antibody (ABIN7042973, ABIN7043945 and ABIN7043946), (1:200).2. Anti-BAI2 (extracellular) Antibody, preincubated with BAI2 (extracellular) Blocking Peptide (#BLP-BR022).



Western Blotting

Image 2. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain membranes: - 1,2. Anti-BAI2 (extracellular) Antibody (ABIN7042973, ABIN7043945 and ABIN7043946), (1:200).3,4. Anti-BAI2 (extracellular) Antibody, preincubated with BAI2 (extracellular) Blocking Peptide (#BLP-BR022).