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Datasheet for ABIN1048344 anti-BAI3 antibody (Cytoplasmic Domain)

2 Images



Overview

Quantity:	50 µg	
Target:	BAI3	
Binding Specificity:	Cytoplasmic Domain	
Reactivity:	Human, Mouse, Rat, Monkey, Chicken, Rabbit, Xenopus laevis, Cow	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Brand:	IHC-plus™	
Immunogen:	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human BAI3. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Mouse, Rat, Elephant, Panda, Bovine, Rabbit, Opossum, Chicken, Xenopus (100%), Horse, Stickleback, Pufferfish, Zebrafish (95%).	
	Type of Immunogen: Synthetic peptide	
Specificity:	Human BAI3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.	
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Mouse, Rat, Elephant, Panda, Bovine, Rabbit, Opossum, Chicken, Xenopus (100%) Horse, Stickleback, Pufferfish, Zebrafish (95%).	

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Product Details

Purification: Immunoaffi

Immunoaffinity purified

Target Details

Target:	BAI3	
Alternative Name:	ADGRB3 / BAI3 (BAI3 Products)	
Background:	Name/Gene ID: ADGRB3	
	Subfamily: Orphan-B	
	Family: GPCR	
	Synonyms: ADGRB3, KIAA0550, BAI3	
Gene ID:	577	
Application Details		
Application Notes:	Approved: IHC, IHC-P (7 - 18 µg/mL)	
Comment:	Target Species of Antibody: Human	
Assay Procedure:	The IHC-pro Immunohistochemistry Protocol	
	Tissue Preparation	
	Formalin fixation and embedding in paraffin wax	
	Tissue Sectioning	
	Make 4-µm sections and place on pre-cleaned and charged microscope slides.	
	Heat in a tissue-drying oven for 45 minutes at 60°C	
	Deparaffinization	
	Wash slides in 3 changes of xylene – 5 minutes each at room temperature.	
	Rehydration	
	Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature.	
	Wash slides in 2 changes of 95% alcohol – 3 minutes each at room temperature.	
	Wash slides in 1 change of 80% alcohol – 3 minutes at room temperature.	
	Rinse slides in gentle running distilled water – 5 minutes at room temperature.	

Antigen retrieval

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Immunostaining

Do not allow tissues to dry at any time during the staining procedure. Apply a universal protein block – 20 minutes at room temperature. Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature. Rinse slides in 1X TBST - 1 minute at room temperature. Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature. Rinse slides 1X TBST – 1 minute at room temperature. Apply alkaline phosphatase streptavidin – 30 minutes at room temperature. Rinse slides in 1X TBST - 1 minute at room temperature. Apply alkaline phosphatase streptavidin – 30 minutes at room temperature. May alkaline phosphatase chromogen substrate – 30 minutes at room temperature. Wash slides in distilled water – 1 minute at room temperature.

Dehydrate

This method should only be used if the chromogen substrate is alcohol insoluble. Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature. Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature. Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature. Wash slides in 3 changes of xylene – 1 minute each at room temperature. Apply coverslip

Restrictions: For Research Use only

Handling

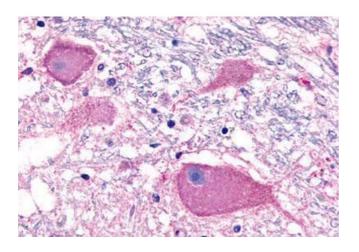
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

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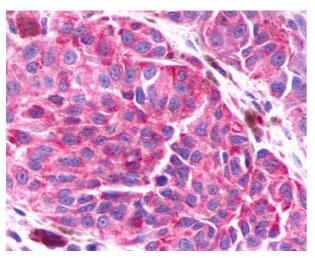
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Anti-BAI3 antibody ABIN1048344 IHC staining of human brain, neurons. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunohistochemistry

Image 2. Anti-BAI3 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval.

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