Datasheet for ABIN1724689

anti-EPH Receptor B6 antibody (AA 601-750)

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Overview

Quantity:	100 µL
Target:	EPH Receptor B6 (EPHB6)
Binding Specificity:	AA 601-750
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPH Receptor B6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of EphB6 (aa601-750) expressed in E. coli.
Clone:	2A6B9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	EPH Receptor B6 (EPHB6)
Abstract:	EPHB6 Products
Background:	Description: EhpB6: EPH receptor B6. Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their

Target Details

	structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The ephrin receptor encoded by this gene lacks the kinase activity of most receptor tyrosine kinases and binds to ephrin-B ligands. Aliases: HEP, EPHB6
Gene ID:	2051
HGNC:	2051
Pathways:	RTK Signaling, Hormone Transport

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % 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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

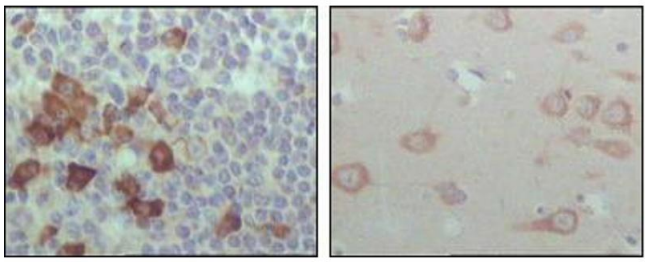
Publications

Product cited in:	Zuhlke, Johnson, Okoth, Stoffel, Robbins, Tembe, Salinas, Zheng, Xu, Carpten, Lange, Isaacs, Cooney: "Identification of a novel NBN truncating mutation in a family with hereditary prostate cancer." in: **Familial cancer**, Vol. 11, Issue 4, pp. 595-600, (2012) (PubMed). Zheng, Zhang, Jiang, You, Liu, Lu, Zhou: "Functional NBS1 polymorphism is associated with

Publications

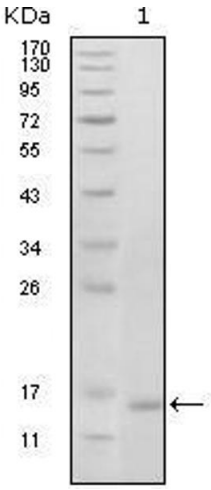
occurrence and advanced disease status of nasopharyngeal carcinoma." in: **Molecular carcinogenesis**, Vol. 50, Issue 9, pp. 689-96, (2011) (PubMed).

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human lymph node (left) and brain (right), showing cytoplasmic localization with DAB staining using EhpB6 mouse mAb.



Western Blotting

Image 2. Western blot analysis using EhpB6 mouse mAb against truncated EhpB6 recombinant protein (1).