

Anti-BEGAIN Antibody

Catalog # AP53914

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9BUH8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64803

Additional Information

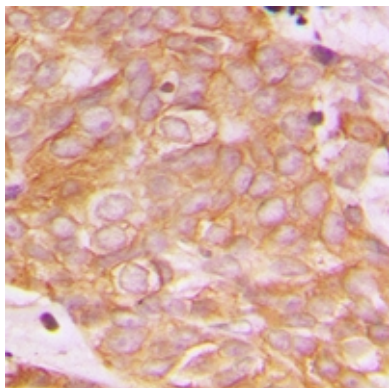
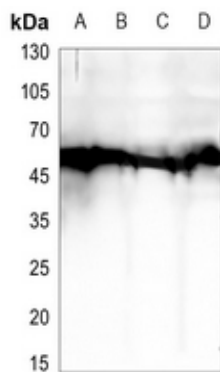
Gene ID	57596
Other Names	KIAA1446; Brain-enriched guanylate kinase-associated protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BEGAIN. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

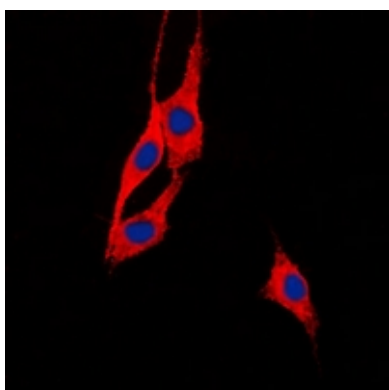
Name	BEGAIN
Synonyms	KIAA1446
Function	May sustain the structure of the postsynaptic density (PSD).
Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein

Images

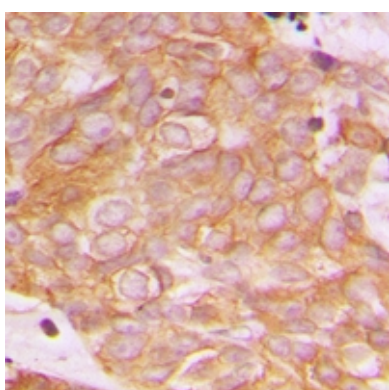
Western blot analysis of BEGAIN expression in H1688 (A), H446 (B), mouse muscle (C), rat muscle (D) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 65 kD)



Immunohistochemical analysis of BEGAIN staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of BEGAIN staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.