

Anti-BEGAIN Antibody
Catalog # AP53914**Specification**

Anti-BEGAIN Antibody - Product Information

Application	WB, IH, IF
Primary Accession	Q9BUH8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64803

Anti-BEGAIN Antibody - Additional Information**Gene ID** 57596**Other Names**

KIAA1446; Brain-enriched guanylate kinase-associated protein

Target/Specificity

Recognizes endogenous levels of BEGAIN protein.

Dilution

WB~~1/500 - 1/1000

IH~~1/50 - 1/200

IF~~1/50 - 1/200

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-BEGAIN Antibody - Protein Information**Name** BEGAIN**Synonyms** KIAA1446**Function**

May sustain the structure of the postsynaptic density (PSD).

Cellular Location

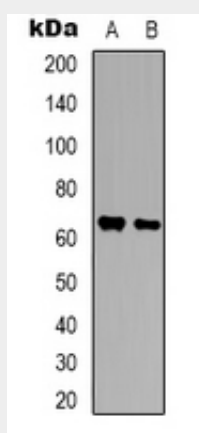
Cytoplasm. Membrane; Peripheral membrane protein

Anti-BEGAIN Antibody - Protocols

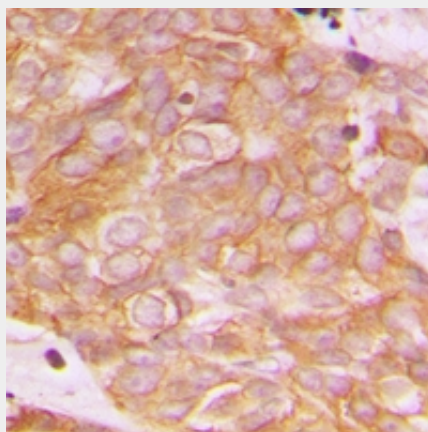
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

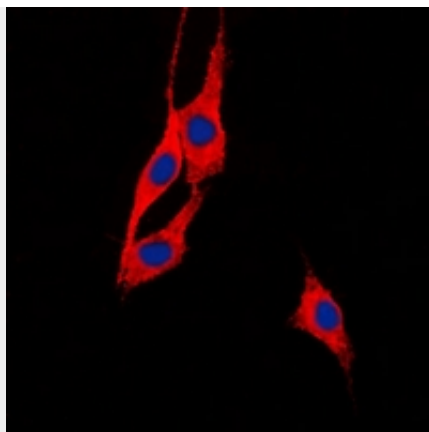
Anti-BEGAIN Antibody - Images



Western blot analysis of BEGAIN expression in Hela (A), SHSY5Y (B) whole cell lysates.



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).

Anti-BEGAIN Antibody - Background

Rabbit polyclonal antibody to BEGAIN