

Anti-BEGAIN Antibody

Catalog # AP53914

Specification

Anti-BEGAIN Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IF, IHC
Q9BUH8
Human
Rabbit
Polyclonal
64803

Anti-BEGAIN Antibody - 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 IF~~1/50 - 1/200 IHC~~1:100~500

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

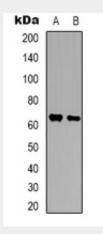


Anti-BEGAIN Antibody - Protocols

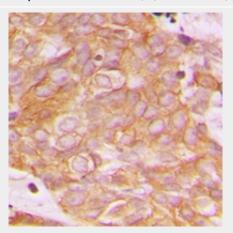
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescen</u>ce
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-BEGAIN Antibody - Images

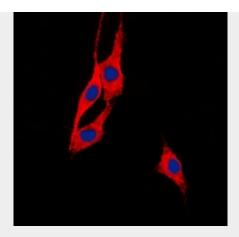


Western blot analysis of BEGAIN expression in Hela (A), SHSY5Y (B) whole cell lysates.



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 hidified 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