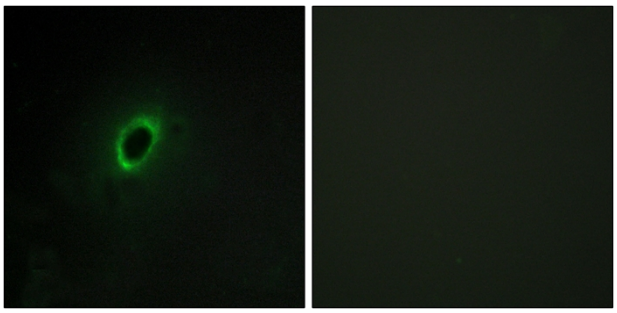
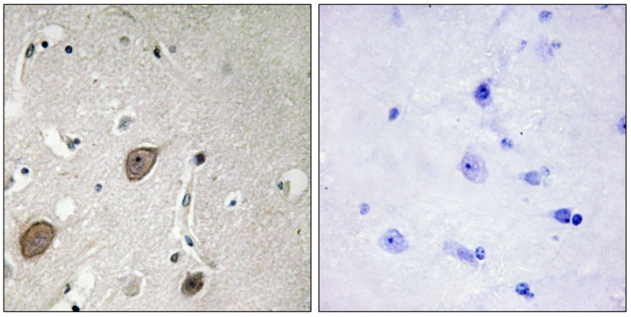
BEGAIN Polyclonal Antibody

Catalog No	YP-Ab-12689
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	BEGAIN
Protein Name	Brain-enriched guanylate kinase-associated protein
Immunogen	The antiserum was produced against synthesized peptide derived from human BEGIN. AA range:511-560
Specificity	BEGAIN Polyclonal Antibody detects endogenous levels of BEGAIN protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BEGAIN; KIAA1446; Brain-enriched guanylate kinase-associated protein
Observed Band	65kD
Cell Pathway	Cytoplasm . Membrane ; Peripheral membrane protein .
Tissue Specificity	Amygdala,Brain,Epithelium,
Function	function:May sustain the structure of the postsynaptic density (PSD).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subunit:Interacts with DLG4 and DLGAP1 and forms a ternary complex.,
Background	function:May sustain the structure of the postsynaptic density (PSD).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subunit:Interacts with DLG4 and DLGAP1 and forms a ternary complex.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunofluorescence analysis of HeLa cells, using BEGIN Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using BEGIN Antibody. The picture on the right is blocked with the synthesized peptide.