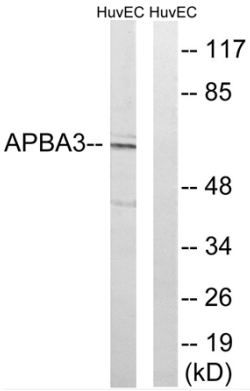
X11γ Polyclonal Antibody

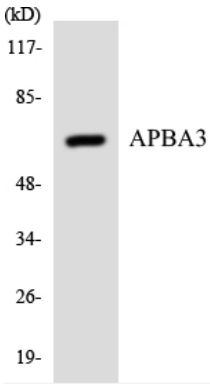
Catalog No	BYab-12844
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	APBA3
Protein Name	Amyloid beta A4 precursor protein-binding family A member 3
Immunogen	The antiserum was produced against synthesized peptide derived from human APBA3. AA range:361-410
Specificity	X11γ Polyclonal Antibody detects endogenous levels of X11γ 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	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	APBA3; MINT3; X11L2; Amyloid beta A4 precursor protein-binding family A member 3; Adapter protein X11gamma; Neuron-specific X11L2 protein; Neuronal Munc18-1-interacting protein 3; Mint-3
Observed Band	61kD
Cell Pathway	Cytoplasm, perinuclear region .
Tissue Specificity	Expressed in all tissues examined with lower levels in brain and testis.
Function	domain:Composed of an N-terminal domain, a middle phosphotyrosine-binding domain (PID/PTB) that mediates binding with the cytoplasmic domain of the beta-amyloid precursor protein, and two C-terminal PDZ domains thought to attach proteins to the plasma membrane.,function:May modulate processing of the beta-amyloid precursor protein (APP) and hence formation of beta-APP.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 PID domain.,similarity:Contains 2 PDZ (DHR) domains.,subunit:Binds to the cytoplasmic domain of amyloid protein (APP) in vivo.,tissue specificity:Expressed in all the tissues examined with lower levels in brain and testis.,

Background	amyloid beta precursor protein binding family A member 3(APBA3) Homo sapiens The protein encoded by this gene is a member of the X11 protein family. It is an adapter protein that interacts with the Alzheimer's disease amyloid precursor protein. This gene product is believed to be involved in signal transduction processes. This gene is a candidate gene for Alzheimer's disease. [provided by RefSeq, Jul 2008],
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.

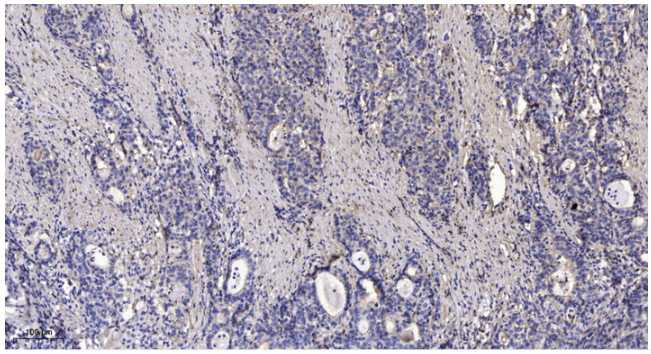
Products Images



Western blot analysis of lysates from HUVEC cells, using APBA3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using APBA3 antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).