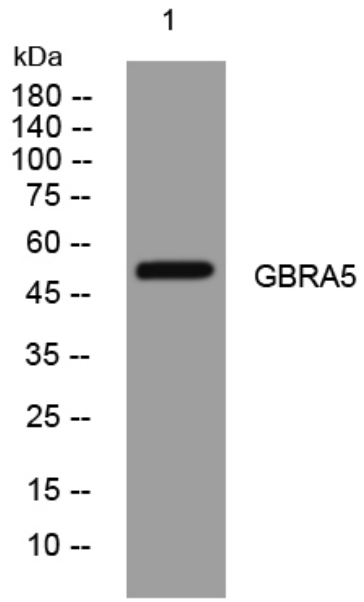
GBRA5 rabbit pAb

Catalog No	YP-Ab-08700
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	GABRA5
Immunogen	Synthesized peptide derived from human GBRA5 AA range: 234-284
Specificity	This antibody detects endogenous levels of GBRA5 at Human/Mouse/Rat
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 serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GAA 5;GAA5;GABA(A) receptor subunit alpha-5;GABRA 5;Gabra5;Gamma aminobutyric acid GABA A receptor alpha 5;Gamma aminobutyric acid GABA A receptor alpha 5 precursor;Gamma aminobutyric acid receptor alpha 5 subunit precursor GABA A receptor;Gamma-aminobutyric acid receptor subunit alpha-5; GBRA5_HUMAN;GC138184;GBRA5
Observed Band	
Calculated Molecular Weight	52 kDa
Cell Pathway	Cell junction, synapse, postsynaptic cell membrane ; Multi-pass membrane protein. Cell membrane ; Multi-pass membrane protein.
Tissue Specificity	
Function	function:GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.,online information:Forbidden fruit - Issue 56 of March 2005,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subunit:Generally pentameric. There are five types of GABA(A) receptor chains: alpha, beta, gamma, delta, and rho.,

Background	GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Transcript variants utilizing three different alternative non-coding first exons have been described. [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 U2OS cells, primary antibody was diluted at 1:1000, 4°over night