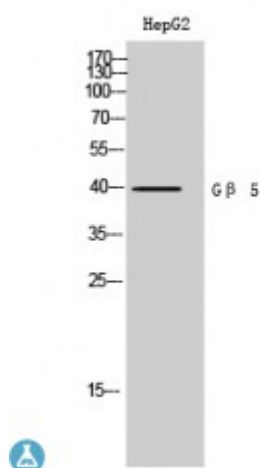


Anti-beta 5 antibody



Description	Rabbit polyclonal to Gbeta 5.
Model	STJ93461
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Gbeta 5
Immunogen Region	120-200 aa, Internal
Gene ID	10681
Gene Symbol	GNB5
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	Gbeta 5 Polyclonal Antibody detects endogenous levels of Gbeta 5 protein.
Tissue Specificity	Widely expressed.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Guanine nucleotide-binding protein subunit beta-5 Gbeta5 Transducin beta chain 5
Molecular Weight	40 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4401OMIM:604447
Alternative Names	Guanine nucleotide-binding protein subunit beta-5 Gbeta5 Transducin beta chain 5
Function	Enhances GTPase-activating protein (GAP) activity of regulator of G protein signaling (RGS) proteins, hence involved in the termination of the signaling initiated by the G protein coupled receptors (GPCRs) by accelerating the GTP hydrolysis on the G-alpha subunits, thereby promoting their inactivation (Probable). Increases RGS9 GTPase-activating protein (GAP) activity, hence contributes to the deactivation of G protein signaling initiated by D(2) dopamine receptors . May play an important role in neuronal signaling, including in the parasympathetic, but not sympathetic, control of heart rate .
Cellular Localization	Membrane

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