

## IQGA2 Polyclonal Antibody

<b>Catalog No :</b>	YN1154
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	IQGA2
<b>Fields :</b>	>>Regulation of actin cytoskeleton
<b>Gene Name :</b>	IQGAP2
<b>Protein Name :</b>	Ras GTPase-activating-like protein IQGAP2
<b>Human Gene Id :</b>	10788
<b>Human Swiss Prot No :</b>	Q13576
<b>Mouse Swiss Prot No :</b>	Q3UQ44
<b>Immunogen :</b>	Synthesized peptide derived from human protein . at AA range: 200-280
<b>Specificity :</b>	IQGA2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 173kD**Cell Pathway :** Regulates Actin and Cytoskeleton;**Background :** IQ motif containing GTPase activating protein 2(IQGAP2) Homo sapiens This gene encodes a member of the IQGAP family. The protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. [provided by RefSeq, Jul 2008],**Function :** function:Binds to activated CDC42 and RAC1 but does not seem to stimulate their GTPase activity. Associates with calmodulin.,similarity:Contains 1 CH (calponin-homology) domain.,similarity:Contains 1 Ras-GAP domain.,similarity:Contains 1 WW domain.,similarity:Contains 3 IQ domains.,tissue specificity:Isoform 2 expression is enhanced in testis.,**Subcellular Location :** cytoplasm,cytosol,microtubule,microvillus,cell surface,actin cytoskeleton,lamellipodium,filopodium,filamentous actin,extracellular exosome,**Expression :** Isoform 2 expression is enhanced in testis.

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