

IQGA2 Polyclonal Antibody

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

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| 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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