



RYP Polyclonal Antibody

Catalog No	YP-Ab-07172
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	RYP JTK5A
Immunogen	Synthesized peptide derived from human protein . at AA range: 150-230
Specificity	RYP Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	D3S3195;EC:2.7.10.1;JTK5;JTK5A;RYP1;RYP;RYP JTK5A;Tyrosine-protein kinase RYP (EC 2.7.10.1)
Observed Band	68 kDa
Calculated Molecular Weight	610 aa, 68 kDa
Cell Pathway	Membrane ; Single-pass type I membrane protein . Nucleus . Cytoplasm . In cells that have undergone neuronal differentiation, the C-terminal cleaved part is translocated from the cytoplasm to the nucleus. .
Tissue Specificity	Observed in all the tissues examined.
Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Potential growth factor receptor protein tyrosine kinase., similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family., similarity:Contains 1 protein kinase domain.,similarity:Contains 1 WIF domain., tissue specificity:Observed in all the tissues examined.,
Background	The protein encoded by this gene is an atypical member of the family of growth factor receptor protein tyrosine kinases, differing from other members at a number of conserved residues in the activation and nucleotide binding domains. This gene product belongs to a subfamily whose members do not appear to be

regulated by phosphorylation in the activation segment. It has been suggested that mediation of biological activity by recruitment of a signaling-competent auxiliary protein may occur through an as yet uncharacterized mechanism. The encoded protein has a leucine-rich extracellular domain with a WIF-type Wnt binding region, a single transmembrane domain, and an intracellular tyrosine kinase domain. This protein is involved in stimulating Wnt signaling pathways such as the regulation of axon pathfinding. Alternative splicing results in multiple transcript variants encoding distinct isoforms

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