G-Biosciences Image not found or type unknown

Immunotag™ PPP1R14D Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3837
Product Description	Immunotag™ PPP1R14D Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PPP1R14D
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human PPP1R14D. AA range:66-115
Specificity	PPP1R14D Polyclonal Antibody detects endogenous levels of PPP1R14D protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PPP1R14D
Accession No.	Q9NXH3 Q7TT52
Alternate Names	PPP1R14D; GBPI; Protein phosphatase 1 regulatory subunit 14D; Gastrointestinal and brain-specific PP1-inhibitory protein 1; GBPI-1

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Description	protein phosphatase 1 regulatory inhibitor subunit 14D(PPP1R14D) Homo sapiens Protein phosphatase-1 (PP1; see MIM 176875) is a major cellular phosphatase that reverses serine/threonine protein phosphorylation. PPP1R14D is a PP1 inhibitor that itself is regulated by phosphorylation (Liu et al., 2004 [PubMed 12974676]).[supplied by OMIM, Feb 2010],
Protein Expression	Colon mucosa,PCR rescued clones,
Subcellular Localization	cytoplasm,
Protein Function	function:Inhibitor of PPP1CA. Has inhibitory activity only when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.,PTM:Phosphorylated on several residues.,similarity:Belongs to the PP1 inhibitor family.,tissue specificity:Detected in colon, intestine, kidney and brain cortex.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.