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Immunotag™ RABP1 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN0572
Product Description	Immunotag™ RABP1 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	RABP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RABP1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	CRABP1 RBP5
Accession No.	P29762 P62965 P62966
Description	cellular retinoic acid binding protein 1(CRABP1) Homo sapiens This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq, Jul 2008],
Protein Expression	Brain,

Antibody Specification

Subcellular Localization	cytoplasm,cytosol,
Protein Function	domain:Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.,function:Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.