Immunotag™ TLN2 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2179
Product Description	Immunotag™ TLN2 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	TLN2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p
Recommended Dilution	IHC-p 1:50-300
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TLN2 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	TLN2 KIAA0320
Accession No.	Q9Y4G6 Q71LX4
Description	talin 2(TLN2) Homo sapiens This gene encodes a protein related to talin 1, a cytoskeletal protein that plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. This protein has a different pattern of expression compared to talin 1 but, like talin 1, is thought to associate with unique transmembrane receptors to form novel linkages between extracellular matrices and the actin cytoskeleton. [provided by RefSeq, Jul 2008],

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Cell Pathway/ Category	Focal adhesion,
Protein Expression	Brain,Epithelium,Skeletal muscle,
Subcellular Localization	ruffle,cytoplasm,plasma membrane,cell-cell junction,focal adhesion,actin cytoskeleton,synapse,
Protein Function	function:As a major component of focal adhesion plaques that links integrin to the actin cytoskeleton, may play an important role in cell adhesion. Recruits PIP5K1C to focal adhesion plaques and strongly activates its kinase activity.,similarity:Contains 1 FERM domain.,similarity:Contains 1 I/LWEQ domain.,subcellular location:Focal adhesion plaques and synapses.,subunit:Interacts directly with PIP5K1C.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.