

Immunotag™ Thrombin R Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4645
Product Description	Immunotag™ Thrombin R 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	Thrombin R
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. 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 Thrombin Receptor. AA range:10-59
Specificity	Thrombin R Polyclonal Antibody detects endogenous levels of Thrombin R 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	F2R
Accession No.	P25116 P30558
Alternate Names	F2R; CF2R; PAR1; TR; Proteinase-activated receptor 1; PAR-1; Coagulation factor II receptor; Thrombin receptor

Antibody Specification

Description	coagulation factor II thrombin receptor(F2R) Homo sapiens Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupled receptor family member. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015],
Cell Pathway/ Category	Akt_PKB,Calcium,Neuroactive ligand-receptor interaction,Endocytosis,Complement and coagulation cascades,Regulates Actin and Cytoskeleton,
Protein Expression	Eye,
Subcellular Localization	extracellular region,cell,early endosome,late endosome,Golgi apparatus,plasma membrane,integral component of plasma membrane,caveola,cell surface,integral component of membrane,platelet dense tubular network,neur
Protein Function	function:High affinity receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation and in vascular development.,PTM:A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand.,PTM:Phosphorylated; probably mediating desensitization prior to the uncoupling and internalization of the receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Platelets and vascular endothelial cells.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.