

Immunotag™ Socius Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4361
Product Description	Immunotag™ Socius 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	Socius
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. 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 UBXD5. AA range:131-180
Specificity	Socius Polyclonal Antibody detects endogenous levels of Socius 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	UBXN11
Accession No.	Q5T124 Q9D572
Alternate Names	UBXN11; SOC; UBXD5; PP2243; UBX domain-containing protein 11; Colorectal tumor-associated antigen COA-1; Socius; UBX domain-containing protein 5

Antibody Specification

Description	UBX domain protein 11(UBXN11) Homo sapiens This gene encodes a protein with a divergent C-terminal UBX domain. The homologous protein in the rat interacts with members of the Rnd subfamily of Rho GTPases at the cell periphery through its C-terminal region. It also interacts with several heterotrimeric G proteins through their G-alpha subunits and promotes Rho GTPase activation. It is proposed to serve a bidirectional role in the promotion and inhibition of Rho activity through upstream signaling pathways. The 3' coding sequence of this gene contains a polymorphic region of 24 nt tandem repeats. Several transcripts containing between 1.5 and five repeat units have been reported. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
Protein Expression	Colon cancer,Small intestine,Synovium,Testis,
Subcellular Localization	cytoplasm,cytoskeleton,
Protein Function	function:May be involved in the reorganization of actin cytoskeleton mediated by RND1, RND2 AND RND3. Promotes RHOA activation mediated by GNA12 and GNA13.,polymorphism:The number of repeats is polymorphic and varies from 1 to 4.,similarity:Contains 1 SEP domain.,similarity:Contains 1 UBX domain.,subunit:Interacts with GNA12, GNA13, RND1, RND2 AND RND3.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.