



Socius Monoclonal Antibody

Catalog No	YP-mAb-00735
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	UBXN11
Immunogen	The antiserum was produced against synthesized peptide derived from human UBXD5. AA range:131-180
Specificity	Socius Monoclonal Antibody detects endogenous levels of Socius protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	COA 1;PP2243;SOC;SOCl;Socius;UBX domain protein 11;UBXD5;UBXN11; UBX domain-containing protein 11;Colorectal tumor-associated antigen COA-1; UBX domain-containing protein 5
Observed Band	57kD
Calculated Molecular Weight	57kD
Cell Pathway	Cytoplasm, cytoskeleton .
Tissue Specificity	Colon cancer,Small intestine,Synovium,Testis,
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.,
Background	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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

