



TBC1D3A/B/C Monoclonal Antibody

Catalog No	YP-mAb-04237
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TBC1D3
Immunogen	The antiserum was produced against synthesized peptide derived from human TBC1D3. AA range:481-530
Specificity	TBC1D3A/B/C Monoclonal Antibody detects endogenous levels of TBC1D3A/B/C 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	TBC;TBC1;TBC1D1;TBC1D3A/B/C;TBC1D3;TBC1 domain family member 3; PRC17;TBC1D3A;Prostate cancer gene 17 protein;Protein TRE17-alpha;Rab GTPase-activating protein PRC17;TBC1D3B;TBC1D3I;TBC1 domain family member 3B;TBC1D3C;TBC1D3D;TBC1 domain family member 3C
Observed Band	62kD
Calculated Molecular Weight	62kD
Cell Pathway	Cell membrane ; Lipid-anchor . Associated with lipid rafts.
Tissue Specificity	Expressed in liver, skeletal muscle, kidney, pancreas, spleen, testis, ovary, small intestine and peripheral blood leukocytes. Overexpressed in prostate cancers.
Function	disease:May be involved in forms of prostate cancers.,function:Acts as a GTPase activating protein for RAB5. Does not act on RAB4 or RAB11., similarity:Contains 1 Rab-GAP TBC domain.,tissue specificity:Expressed in liver, skeletal muscle, kidney, pancreas, spleen, testis, ovary, small intestine and peripheral blood leukocytes. Overexpressed in prostate cancers.,tissue specificity:Expressed in pancreas, thymus and testis.,



Background

This gene represents one of a cluster of related genes found on chromosome 17. The proteins encoded by this gene family contain a TBC (Tre-2, Bub2p, and Cdc16p) domain and may be involved in GTPase signaling and vesicle trafficking. [provided by RefSeq, Apr 2014],

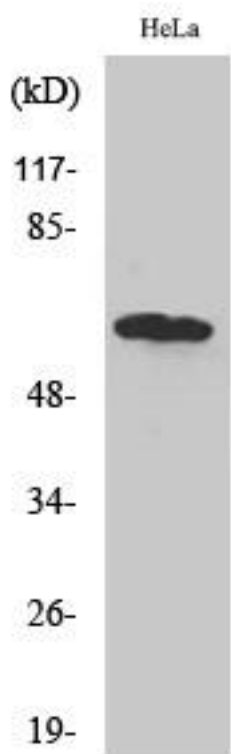
matters needing attention

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



Western Blot analysis of various cells using TBC1D3A/B/C Monoclonal Antibody