



DUS15 mouse mAb

Catalog No	YP-mAb-08465
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DUSP15 C20orf57 VHY
Immunogen	Synthesized peptide derived from human DUS15 AA range: 15-65
Specificity	This antibody detects endogenous levels of DUS15 at Human/Mouse
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	DUS15;DUSP15 C20orf57 VHY
Observed Band	
Calculated Molecular Weight	32kD
Cell Pathway	Cytoplasm .; [Isoform 3]: Cell membrane; Lipid-anchor; Cytoplasmic side.
Tissue Specificity	Highly expressed in testis (PubMed:15138252). Expressed in brain; up-regulated in patients with multiple sclerosis gray matter lesions (PubMed:22792334).
Function	catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate., caution:Although assigned as two separate genes (c20orf57 and DUSP15), it is probable that C20orf57 does not exist by itself and is a part of the DUSP15 gene.,PTM:Isoform 3 is N-myristoylated.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily., similarity:Contains 1 tyrosine-protein phosphatase domain.,tissue specificity:Highly expressed in testis.,



Background

The protein encoded by this gene has both protein-tyrosine phosphatase activity and serine/threonine-specific phosphatase activity, and therefore is known as a dual specificity phosphatase. This protein may function in the differentiation of oligodendrocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016],

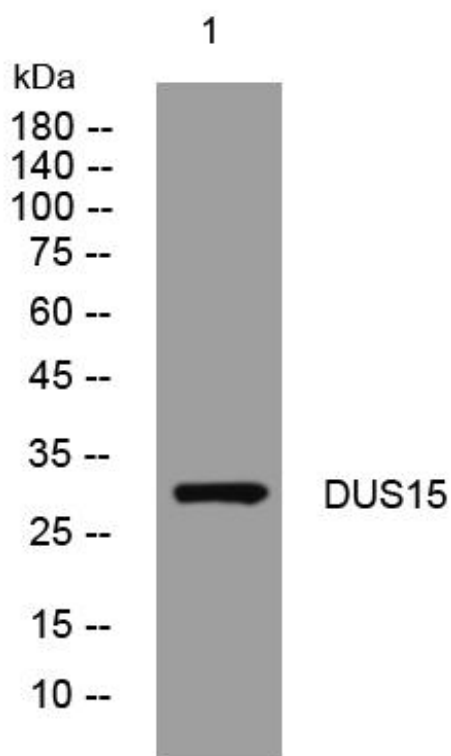
matters needing attention

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 DUS15 mouse mAb