



NUBP2 Mouse mAb

Catalog No	YP-mAb-19542
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	NUBP2
Immunogen	Synthesized peptide derived from human NUBP2. AA range:86-156
Specificity	This antibody detects endogenous levels of NUBP2 at Human, Mouse,Rat
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	NUBP2;Cytosolic Fe-S cluster assembly factor NUBP2 (Nucleotide-binding protein 2) (NBP 2)
Observed Band	
Calculated Molecular Weight	30kD
Cell Pathway	Nucleus . Cytoplasm , cytoskeleton , microtubule organizing center , centrosome . Cytoplasm . Cytoplasm , cytoskeleton , cilium axoneme . Cytoplasm , cytoskeleton , microtubule organizing center , centrosome , centriole . Cytoplasm , cytoskeleton , microtubule organizing center . Enriched at the centrosomes during mitosis. Enriched in centrioles of microtubule asters during prophase , prometaphase and telophase stages of mitosis (By similarity) . Localized at centrioles and in the nucleus at interphase (By similarity) . Colocalizes with nubp-1 at prometaphase (By similarity) . .
Tissue Specificity	Widely expressed with highest expression in skeletal muscle.
Function	Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NUBP1-NUBP2 heterotetramer forms a Fe-S scaffold complex , mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins. Negatively regulates cilium formation and structure.
Background	

**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