

NUBP2 Rabbit pAb

CatalogNo: YN7386

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 30kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human NUBP2

Specificity This antibody detects endogenous levels of NUBP2 at Human, Mouse, Rat

Target Information

Gene name NUBP2

Protein Name	Cytosolic Fe-S cluster assembly factor NUBP2 (Nucleotide-binding protein 2) (NBP 2)		
	Organism	Gene ID	UniProt ID
	Human	10101;	Q9Y5Y2;
	Mouse	26426;	Q9R061;
	Rat	287125;	Q68FS1;
Cellular Localization	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.		

| Validation Data

| Contact information

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