



Rabbit Anti-ALS2CR1 antibody

SL11649R

Product Name:	ALS2CR1
Chinese Name:	肌萎缩侧索硬化症相关蛋白1抗体
Alias:	ALS2CR1; Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 1; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 1 protein; CALS-7; MDS015; Ngg1 interacting factor 3-like 1; NIF3 (Ngg1 interacting factor 3, S.pombe homolog)-like 1; NIF3 NGG1 interacting factor 3-like 1 (S. pombe); NIF3 NGG1 interacting factor 3-like 1; NIF3-like protein 1; NIF3L_HUMAN; NIF3L1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	42kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ALS2CR1/NIF3L1:201-300/377
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The NGG1 interacting factor 3-like 1 (NIF3L1) is a 377 amino acid protein expressed mainly in the cytoplasm of cells in several different tissues. It has been highly

conserved throughout evolution, from bacteria to mammals. NIF3L participates in retinoic acid-primed neural differentiation of P19 embryonic carcinoma cells by cooperating with Trip15/CSN2, a transcriptional corepressor/component of COP9 signalosome. NIF3L1 interacts with itself and with the NIF3L1 binding protein 1 (NIF3L1 BP1), which is a novel protein presumed to contain a leucine zipper domain.

Subunit:

Homodimer. Interacts with COPS2. Interacts with THOC7.

Subcellular Location:

Cytoplasm.

Similarity:

Belongs to the UPF0135 (NIF3) family.

SWISS:

Q9GZT8

Gene ID:

60491

Database links:

[Entrez Gene: 60491](#) Human

[Entrez Gene: 65102](#) Mouse

[Entrez Gene: 301431](#) Rat

[Entrez Gene: 607446](#) Dog

[NCBI: 11141899](#) Human

[Omim: 605778](#) Human

[SwissProt: Q9GZT8](#) Human

[SwissProt: Q9EQ80](#) Mouse

[SwissProt: Q4V7D6](#) Rat

[Unigene: 145284](#) Human

[Unigene: 340248](#) Mouse

[Unigene: 18112](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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