

Goat Anti-ALS2CR1 / NIF3L1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1055a**Specification**

Goat Anti-ALS2CR1 / NIF3L1 Antibody - Product Information

Application	WB, IHC, E
Primary Accession	O9GZT8
Other Accession	NP_068596 , 60491 , 65102 (mouse)
Reactivity	Human
Predicted	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	41968

Goat Anti-ALS2CR1 / NIF3L1 Antibody - Additional Information**Gene ID** 60491**Other Names**

Putative GTP cyclohydrolase 1 type 2 NIF3L1, 3.5.4.16, Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 1 protein, GTP cyclohydrolase I, NIF3-like protein 1, NIF3L1, ALS2CR1

Dilution

WB~~1:1000
IHC~~1:100~500
E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-ALS2CR1 / NIF3L1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-ALS2CR1 / NIF3L1 Antibody - Protein Information**Name** NIF3L1 ([HGNC:13390](#))

Function

May function as a transcriptional corepressor through its interaction with COPS2, negatively regulating the expression of genes involved in neuronal differentiation.

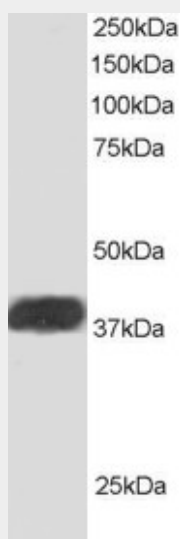
Cellular Location

Cytoplasm. Nucleus {ECO:0000250|UniProtKB:Q9EQ80} Note=Interaction with COPS2 may regulate localization to the nucleus {ECO:0000250|UniProtKB:Q9EQ80}

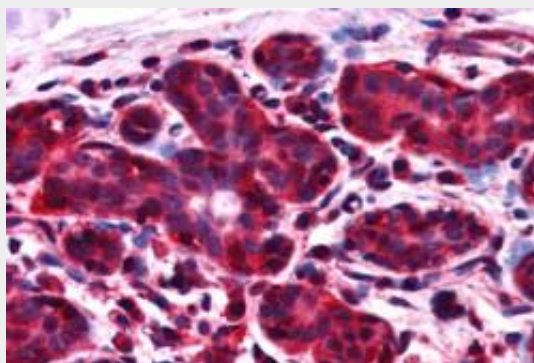
Goat Anti-ALS2CR1 / NIF3L1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-ALS2CR1 / NIF3L1 Antibody - Images

AF1055a staining (1ug/ml) of Human Heart lysate (RIPA buffer, 30ug totalprotein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



AF1055a (2.5 µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-ALS2CR1 / NIF3L1 Antibody - References

An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904.

A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569.

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The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Sequence comparison of human and mouse genes reveals a homologous block structure in the promoter regions. Suzuki Y, et al. Genome Res, 2004 Sep. PMID 15342556.