



## Goat anti-ALS2CR1 / NIF3L1 Antibody

<b>Item Number</b>	dAP-0150
<b>Target Molecule</b>	Principle Name: ALS2CR1 / NIF3L1; Official Symbol: NIF3L1; All Names and Symbols: NIF3L1; ALS2CR1; NIF3 NGG1 interacting factor 3-like 1 (S. pombe); CALS-7; MDS015; NIF3 (Ngg1 interacting factor 3, S.pombe homolog)-like 1; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 1; NIF3 NGG1 interacting factor 3-like 1; ; Accession Number (s): NP_001129511.1; NP_068596.2; Human Gene ID(s): 60491; Non-Human GeneID(s): 65102 (mouse)
<b>Immunogen</b>	ILSETDRDPLQVV, is from C Terminus This antibody is expected to recognise both reported isoforms. Variants (NP_001135827.1; NP_068596.2) encode the same isoform.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 40kDa band seen in Human Heart and Human Testis extracts [Predicted MW of approx. 39kDa according to NP_068596]. Recommended for use at 0.2-1µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Breast shows strong cytoplasm staining in epithelial and myoepithelial duct cells. Recommended concentration, 2-4µg/ml.
<b>Reference</b>	Reference(s): Hadano S, Yanagisawa Y, Skaug J, Fichter K, Nasir J, Martindale D, Koop BF, Scherer SW, Nicholson DW, Rouleau GA, Ikeda J, Hayden MR. Cloning and characterization of three novel genes, ALS2CR1, ALS2CR2, and ALS2CR3, in the juvenile amyotrophic lateral sclerosis (ALS2) critical region at

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**