



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05869 - Goat Anti-ALS2CR1 / NIF3L1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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, OTTHUMP00000206190, OTTHUMP00000206191, OTTHUMP00000206192

**Official Symbol:** NIF3L1

**Accession Number(s):** NP\_001129511.1; NP\_068596.2

**Human GeneID(s):** [60491](#)

**Non-Human GeneID(s):** 65102 (mouse)

**Important Comments:** This antibody is expected to recognise both reported isoforms. Variants (NP\_001135827.1; NP\_068596.2) encode the same isoform.

### Immunogen

Peptide with sequence C-ILSETDRDPLQVV, from the C Terminus of the protein sequence according to NP\_001129511.1; NP\_068596.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

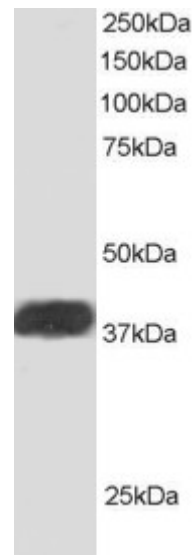
**Western blot:** Approx 40kDa band seen in Human Heart and Human Testis extracts [Predicted MW of approx. 39kDa according to NP\_068596]. Recommended for use at 0.2-1µg/ml.

**IHC:** In paraffin embedded Human Breast shows strong cytoplasm staining in epithelial and myoepithelial duct cells. Recommended concentration, 2-4µg/ml.

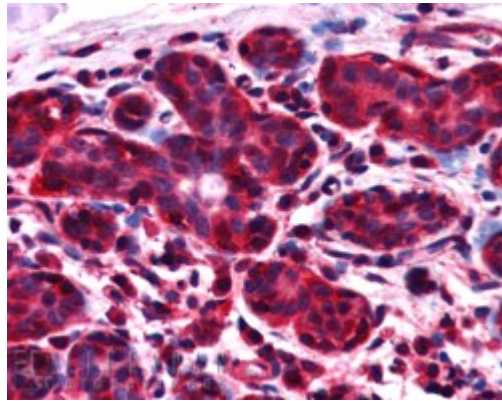
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse



EB05869 staining (1ug/ml) of Human Heart lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05869 (2.5µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.