



## UK Office

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

## EB08275 - Goat Anti-TUSC4 / NPRL2 (aa 140 to 151) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TUSC4, NPRL2, tumor suppressor candidate 4, NPR2L, 2810446G01Rik, homologous to yeast nitrogen permease (candidate tumor suppressor)

**Official Symbol:** NPRL2

**Accession Number(s):** NP\_006536.3

**Human GeneID(s):** [10641](#)

### Immunogen

Peptide with sequence QYSNVYCPTPKV, from the internal region of the protein sequence according to NP\_006536.3.

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

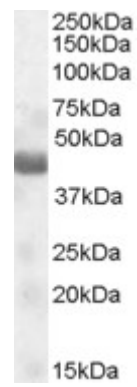
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 45kDa band observed in Human Skeletal Muscle lysates (calculated MW of 43.7kDa according to NP\_006536.3). Recommended concentration :0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08275 (0.1 $\mu$ g/ml) staining of Human Muscle lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.