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Research Use Only. Not for diagnostic or therapeutic use.

EB06151 - Goat Anti-ORP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OSBPL1A, ORP1, OSBPL1B, FLJ10217, oxysterol binding protein-like

1A, OSBP-related protein 1, oxysterol-binding protein-like 1B, oxysterol-binding

protein-related protein 1, ORP-1, oxysterol-binding protein-like 1A

Official Symbol: OSBPL1A

Accession Number(s): NP_060500.3; NP_542164.2

Human GeneID(s): 114876

Non-Human GenelD(s): 64291 (mouse), 259221 (rat)

Important Comments: This antibody is expected to recognise both reported human

isoforms of this protein.

Immunogen

Peptide with sequence C-YWDRNYFNLPDIY, from the C Terminus of the protein sequence according to NP_060500.3; NP_542164.2.

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 1:16000.

Western blot: Approx 48kDa band observed in Human Muscle lysate (predicted MW of

50kDa according to NP_060500.3). Recommended for use at 0.5-2µg/ml.

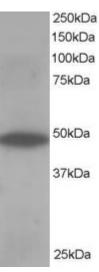
IHC: Paraffin embedded Human Brain (Cerebellum) and Human Skeletal Muscle.

Recommended concentration: 5µg/ml.

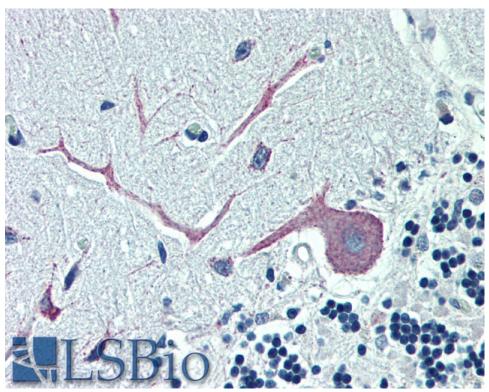
Species Reactivity

Tested: Human

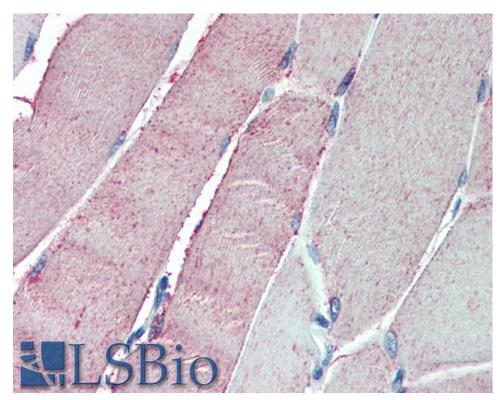
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB06151 staining (0.5μg/ml) of Human Muscle lysate (RIPA buffer, 35μg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB06151 (5μg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06151 ($5\mu g/ml$) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.