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Research Use Only. Not for diagnostic or therapeutic use.

EB08816 - Goat Anti-SLC22A17 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SLC22A17, solute carrier family 22, member 17, BOCT, BOIT, NGALR, hBOIT, NGAL receptor, neutrophil gelatinase-associated lipocalin receptor, potent brain type organic ion transporter, solute carrier family 22 (organic cation

transporter), member 17

Official Symbol: SLC22A17

Accession Number(s): NP_065105.2; NP_057693.3

Human GeneID(s): 51310

Non-Human GenelD(s): 59049 (mouse), 305886 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

NP_065105.2 and NP_057693.3).

Immunogen

Peptide with sequence C-PETKRKLLPEVLRD, from the internal region of the protein sequence according to NP_065105.2; NP_057693.3.

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 1:64000.

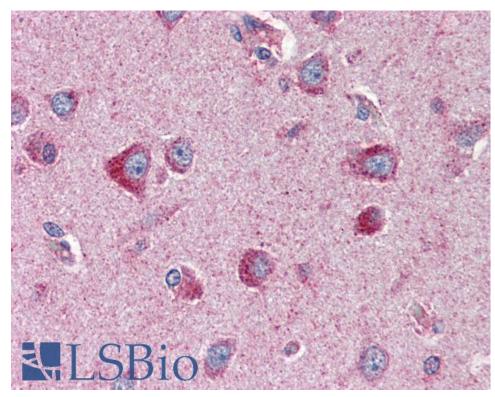
Western blot: Preliminary experiments gave an approx 150kDa band in Human Cerebellum lysates after 0.1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 57.7kDa according to NP_065105.2. The 150kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Brain (Cortex and Cerebellum). Recommended concentration: 2µg/ml.

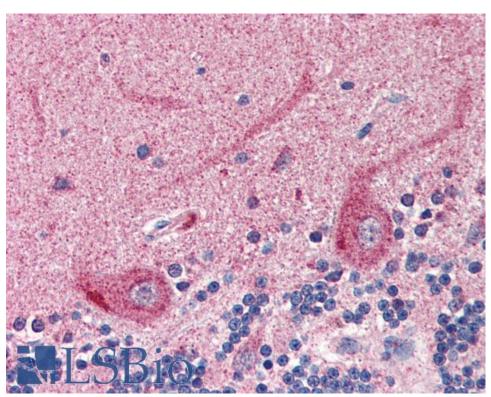
Species Reactivity

Tested: Human

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



EB08816 ($2\mu g/ml$) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08816 (2μg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.