

#### **UK Office**

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# 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 GenelD(s): <u>51310</u> 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**

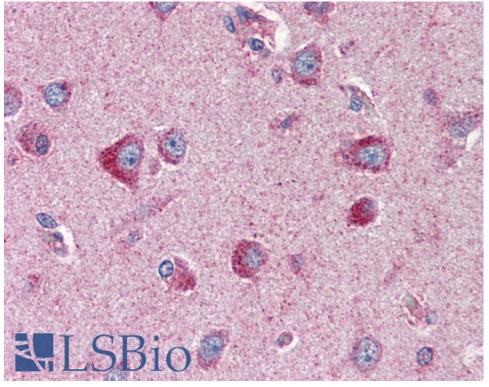
Peptide ELISA: antibody detection limit dilution 1:64000.

**Western blot:** Preliminary experiments gave an approx 150kDa band in Human Cerebellum lysates after  $0.1\mu$ g/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.

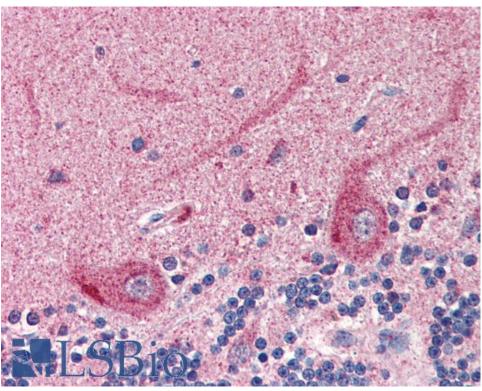
**IHC:** Paraffin embedded Human Brain (Cortex and Cerebellum). Recommended concentration: 2µg/ml.

# **Species Reactivity**

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



EB08816 (2µg/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.