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Research Use Only. Not for diagnostic or therapeutic use.

EB08613 - Goat Anti-ABCA2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ABCA2, ATP-binding cassette, sub-family A (ABC1), member 2, ABC2, MGC129761, ATP-binding cassette, sub-family A, member 2, OTTHUMP00000064733

Official Symbol: ABCA2

Accession Number(s): NP_001597.2; NP_997698.1

Human GeneID(s): 20

Non-Human GenelD(s): 11305 (mouse), 79248 (rat)

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

(NP_001597.2; NP_997698.1).

Immunogen

Peptide with sequence C-KKQSDNLEQQETEP, from the internal region of the protein sequence according to NP_001597.2; NP_997698.1.

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 1:2000.

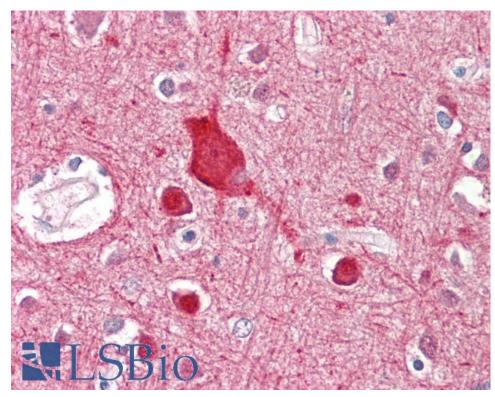
Western blot: Preliminary experiments gave an approx 35kDa band in Human Brain (Amygdala, Frontal Cortex, Hippocampus and Substantia Nigra) lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 270kDa according to NP_001597.2 and of 273kDa according to .NP_997698.1. The 35kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB08613 (3.75 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.