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Research Use Only. Not for diagnostic or therapeutic use.

EB10661 - Goat Anti-SLC47A2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SLC47A2, solute carrier family 47, member 2, FLJ31196, MATE2, MATE2-B, MATE2-K, MATE2-K, H+/organic cation antiporter, MATE-2, hMATE-2, kidney-specific H(+)/organic cation antiporter, multidrug and toxin extrusion 2, multidrug and toxin

Official Symbol: SLC47A2

Accession Number(s): NP_690872.2; NP_001093116.1

Human GeneID(s): 146802

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

(NP_690872.2; NP_001093116.1).

Immunogen

Peptide with sequence SECHVDFFRTPEEAH, from the internal region (near C terminus) of the protein sequence according to NP_690872.2; NP_001093116.1.

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 1:32000.

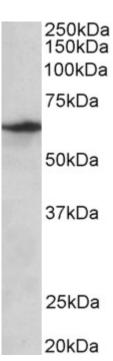
Western blot: Approx 60kDa band observed in Human Testis lysates (calculated MW of 61.0kDa according to NP_001093116.1). Recommended concentration: 0.1-1μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

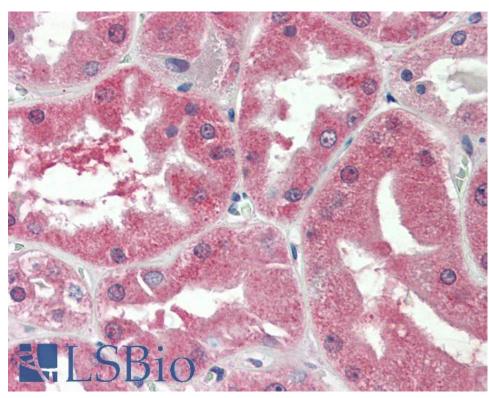
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB10661 (0.3 μ g/ml) staining of Human Testis lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB10661 (5μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.