

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07262 - Goat Anti-SLC24A5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SLC24A5, solute carrier family 24, member 5, JSX, NCKX5, ion transporter JSX, solute carrier family 24 (sodium/potassium/calcium exchanger), member 5

**Official Symbol:** SLC24A5

**Accession Number(s):** NP\_995322.1

**Human GeneID(s):** [283652](#)

**Non-Human GeneID(s):** 317750 (mouse)

### Immunogen

Peptide with sequence TTPDCRKKFWKN, from the internal region of the protein sequence according to NP\_995322.1.

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:** Approx 40kDa band observed in Mouse Eye and Rat Skin lysates (calculated MW of 54.9 according to Human NP\_995322.1, of 55.0kDa according to Mouse NP\_778199.2 and of 38.1kDa according to Rat NP\_001101239.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Ginger et al, J Biol Chem. 2008 Feb 29;283(9):5486-95; PMID: 18166528).  
Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

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

EB07262 (2µg/ml) staining of Mouse Eye lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.