

## International Office

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

## EB07652 - Goat Anti-ZDHHC8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ZDHHC8, zinc finger, DHHC-type containing 8, ZDHHCL1, ZNF378, membrane-associated DHHC8 zinc finger protein, zinc finger, DHHC domain containing 8, zinc finger, DHHC domain like containing 1

**Official Symbol:** ZDHHC8

**Accession Number(s):** NP\_037505.1

**Human GeneID(s):** [29801](#)

**Non-Human GeneID(s):** 27801 (mouse), 303796 (rat)

**Important Comments:** This antibody is expected to recognise isoform 2 (NP\_037505.1) only.

### Immunogen

Peptide with sequence C-QRDHPQLKTPPSK, from the internal region of the protein sequence according to NP\_037505.1.

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 1:16000.

**Western blot:** Approx 80-85kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 81.4kDa according to NP\_037505.1). Recommended concentration: 1-3µg/ml. An additional band of 48kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

**This antibody has been successfully used in Western blot on Mouse:**

Avishek Mondal, Abhilash P. Appu, Tamal Sadhukhan, Maria B. Bagh, Rafael M. Previde, Sriparna Sadhukhan, Stanko Stojilkovic, Aiyi Liu, Anil B. Mukherjee

Ppt1-deficiency dysregulates lysosomal Ca<sup>++</sup> - homeostasis contributing to pathogenesis in a mouse model of CLN1 disease

J Inherit Metab Dis. 2022 Feb 12. doi: 10.1002/jimd.12485.

PMID: 35150145



EB07652 (0.1µg/ml) staining of Human Brain (Frontal Cortex) lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.