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

Storage: Aliquot and store at
-20°C. Minimize freezing and
thawing.

Product: EB07652 – Goat anti-ZDHHC8 antibody

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 Gene Symbol: ZDHHC8

Accession Number(s): NP_037505.1

Human Gene ID(s): 29801

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

Immunogen

Peptide with sequence C-QRDHPQLKTPPSK, from the internal region of the protein
sequence according to NP_037505.1

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen
affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium
azide, pH7.3 with 0.5% bovine serum albumin.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16,000. 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

Background Reference

Mukai J, Liu H, Burt RA, Swor DE, Lai WS, Karayiorgou M, Gogos JA.
Evidence that the gene encoding ZDHHC8 contributes to the risk of schizophrenia.
Nat Genet. 2004 Jul;36(7):725-31. Epub 2004 Jun 6.
PMID: 15184899



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