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

EB07028 - Goat Anti-FZD8 / frizzled 8 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FZD8, frizzled homolog 8 (Drosophila), HGNC:4046, FZ-8, hFZ8, frizzled (Drosophila) homolog 8, frizzled 8

Official Symbol: FZD8

Accession Number(s): NP_114072.1

Human GeneID(s): [8325](#)

Non-Human GeneID(s): 14370 (mouse)

Immunogen

Peptide with sequence C-SYPKQMPLSQV, from the C Terminus of the protein sequence according to NP_114072.1.

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 75kDa band observed in Human Pancreas lysates (calculated MW of 73.3kDa according to NP_114072.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Mouse: Zhao B et al. (2019) PMID: 21321602.

IHC: Paraffin embedded Human Pancreas. Recommended concentration: 3µg/ml.

Immunofluorescence: This antibody has been successfully used in IF on Mouse: Zhao B et al. (2019) PMID: 21321602.

Additional validation: This antibody was successfully used in Electron microscopy (immunogold staining): Zhao B et al. (2019) PMID: 21321602.

Species Reactivity

Tested: Human

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

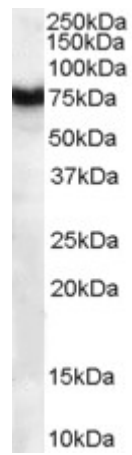
Specific Reference

This antibody has been successfully used in WB, IF & EM on Mouse:

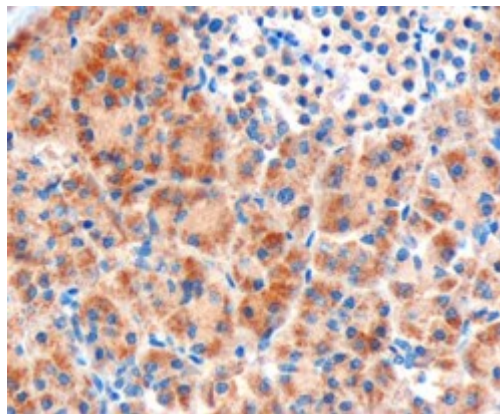
Zhao B, Wang HB, Lu YJ, Hu JW, Bao L, Zhang X.

Transport of receptors, receptor signaling complexes and ion channels via neuropeptide-secretory vesicles. *Cell Res.* 2011 May;21(5):741-53.

PMID: 21321602



EB07028 (1 μ g/ml) staining of Human Pancreas lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07028 (3 μ g/ml) staining of paraffin embedded Human Pancreas. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-