



## UK Office

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

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