

## UK Office

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

## EB08861 - Goat Anti-ODZ3 / Teneurin-3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ODZ3, odz, odd Oz/ten-m homolog 3 (Drosophila), FLJ10474, FLJ10886, KIAA1455, Ten-m3, ODZ3-like protein, odd Oz/Ten-m homolog 3, odz, odd Oz/ten-m homolog 3

**Official Symbol:** ODZ3

**Accession Number(s):** NP\_001073946.1

**Human GeneID(s):** [55714](#)

**Non-Human GeneID(s):** 23965 (mouse)

### Immunogen

Peptide with sequence C-NNPASKIHDKDY, from the internal region of the protein sequence according to NP\_001073946.1.

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:** Preliminary experiments in Human Brain lysates and in lysates of cell line NIH 3T3 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

**IHC:** In paraffin embedded Human Brain (Cerebellum) shows nuclear staining of the granular cell layer. Recommended concentration, 1.5-3µg/ml.

**Immunofluorescence:** Nuclear staining (green) in HeLa cells.

### Species Reactivity

**Tested:** Human

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

EB08861 (1.5µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB08861 (10ug/ml) staining of nuclei HeLa cells (green). Detected by immunofluorescence.