

## Goat anti-ODZ3 / Teneurin-3 Antibody

**Item Number** dAP-1557

**Target Molecule** Principle Name: ODZ3 / Teneurin-3; Official Symbol: ODZ3; All Names and Symbols: ODZ3; odz, odd Oz/ten-m homolog 3 (Drosophila); FLJ10474; FLJ10886; KIAA1455; TNM3; Ten-m3; ODZ3-like protein; odd Oz/Ten-m homolog 3; protein Odd Oz/ten-m homolog 3; ten-3; tenascin-M3; teneurin-3; Accession Number (s): NP\_001073946.1; Human Gene ID(s): 55714; Non-Human GeneID(s): 23965 (mouse)

**Immunogen** NNPASKIHDVKDY, is from internal region

**Applications** Pep ELISA, IF, IHC

Species Tested: Human

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

**Supplied As** lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

**Peptide ELISA** Peptide ELISA: antibody detection limit dilution 1 to 16000.

**Western Blot** 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 res

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

**Reference** Reference(s): Ben-Zur T, Feige E, Motro B, Wides R. The mammalian Odz gene family: homologs of a Drosophila pair-rule gene with expression implying distinct yet overlapping developmental roles. *Dev Biol.* 2000 Jan 1;217(1):107-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**