

Goat anti-ZIC5 Antibody

Item Number	dAP-0432
Target Molecule	Principle Name: ZIC5; Official Symbol: ZIC5; All Names and Symbols: ZIC5; zinc finger protein of the cerebellum 5; zinc family member 5 protein; Zic family member 5 (odd-paired homolog, <i>Drosophila</i>); Accession Number (s): NP_149123.2; Human Gene ID(s): 85416; Non-Human GenelD(s):
Immunogen	EIYGNPEVVRTIH, is from C Terminus
Applications	Pep ELISA, 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 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 45kDa band in human brain lysates at 1ug/ml. This band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in the literature for
IHC	Immunohistochemistry: In paraffin embedded Human Small Intestine shows nuclear staining. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Furushima K, Murata T, Matsuo I, Aizawa S. A new murine zinc finger gene, Opr. <i>Mech Dev.</i> 2000 Nov;98(1-2):161-4. PMID: 11044622 ->

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**