



Goat anti-ZIC3 (aa205-218) Antibody

Item Number	dAP-2591
Target Molecule	Principle Name: ZIC3 (aa205-218); Official Symbol: ZIC3; All Names and Symbols: ZIC3; Zic family member 3 (odd-paired homolog, Drosophila); HTX; HTX1; ZNF203; heterotaxy 1; zinc finger protein ZIC 3; zinc finger protein of the cerebellum 3; Accession Number (s): NP_003404.1; Human Gene ID(s): 7547; Non-Human GeneID(s): 22773 (mouse) 367944 (rat)
Immunogen	PRTDPYAAGAQFPN, is from internal region This antibody is expected to NOT cross-react with other ZIC proteins.
Applications	Pep ELISA Species Tested:
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 in Human Brain lysates 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 antibo
IHC	
Reference	Reference(s): Hatayama M, Tomizawa T, Sakai-Kato K, Bouvagnet P, Kose S, Imamoto N, Yokoyama S, Utsunomiya-Tate N, Mikoshiba K, Kigawa T, Aruga J, Functional and structural basis of the nuclear localization signal in the ZIC3 zinc finger domain. Human molecular genetics 2008 Nov 17 (22): 3459-73..PMID:

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**