

## Goat anti-FEZ1 / Zygin 1 Antibody

<b>Item Number</b>	dAP-0926
<b>Target Molecule</b>	Principle Name: FEZ1 / Zygin 1; Official Symbol: FEZ1; All Names and Symbols: FEZ1; zygin 1; fasciculation and elongation protein zeta 1 (zygin I); Accession Number (s): NP_005094.1; Human Gene ID(s): 9638; Non-Human GeneID(s): 235180 (mouse) 81730 (rat)
<b>Immunogen</b>	QNKQKEQRELMKK, is from internal region This antibody is expected to recognize isoform 1 (NP_005094.1) only.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 45kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 45.1kDa according to NP_005094.1). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Colon and Brain (Cortex). Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Suzuki T, Okada Y, Semba S, Orba Y, Yamanouchi S, Endo S, Tanaka S, Fujita T, Kuroda S, Nagashima K, Sawa H. Identification of FEZ1 as a protein that interacts with JC virus agnoprotein and microtubules: role of agnoprotein-induced dissociation of FEZ1 from microtubules in viral propagation. J

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**