

## Goat anti-Dachsous 1 / cadherin 16 (mouse) Antibody

<b>Item Number</b>	dAP-2609
<b>Target Molecule</b>	Principle Name: Dachsous 1 / cadherin 16 (mouse); Official Symbol: Dchs1; All Names and Symbols: Dchs1; dachsous 1 (Drosophila); 3110041P15Rik; C130033F22Rik; CDH25; FIB1; Gm165; PCDH16; OTTMUSP00000015964; dachsous 1; Accession Number (s): NP_001156415.1; Human Gene ID(s); ; Non -Human GeneID(s): 233651 (mouse) 308912 (rat)
<b>Immunogen</b>	RVTVEDENDHTPT, is from internal
<b>Applications</b>	Pep ELISA Species Tested:
<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 4000.
<b>Western Blot</b>	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 346kDa according to NP_001156415.1. Therefore we cannot recommend an optimal concentration and the antibody
<b>IHC</b>	
<b>Reference</b>	Reference(s): Mao Y, Mulvaney J, Zakaria S, Yu T, Morgan KM, Allen S, Basson MA, Francis-West P, Irvine KD. Characterization of a Dchs1 mutant mouse reveals requirements for Dchs1-Fat4 signaling during mammalian development. Development. 2011 Mar;138(5):947-57..PMID: 21303848->

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**