

## Goat anti-DSCAM Antibody

<b>Item Number</b>	dAP-0902
<b>Target Molecule</b>	Principle Name: DSCAM; Official Symbol: DSCAM; All Names and Symbols: DSCAM; Down syndrome cell adhesion molecule ; CHD2-42; CHD2-52 ; human CHD2-52 down syndrome cell adhesion molecule ; Accession Number (s): NP_001380.2; NP_996770.1; Human Gene ID(s): 1826; Non-Human GenelD(s): 13508 (mouse) 171119 (rat)
<b>Immunogen</b>	DSWDSAQRTKDVSPQ, is from internal region This antibody is expected to recognise both reported isoforms (NP_001380.2 and NP_996770.1).
<b>Applications</b>	Pep ELISA, WB 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 16000.
<b>Western Blot</b>	Western Blot: Approx 170kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 174kDa according to NP_996770.1). Recommended concentration: 2-6µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Li W, Guan KL. The Down syndrome cell adhesion molecule (DSCAM) interacts with and activates Pak. <i>J Biol Chem.</i> 2004 Jul 30;279(31):32824-31. Epub 2004 May 28. PMID: 15169762 ->

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 end users! This product is sold for **Research Use Only**