

## Goat anti-MAML1 / Mastermind Antibody

<b>Item Number</b>	dAP-0454
<b>Target Molecule</b>	Principle Name: MAML1 / Mastermind; Official Symbol: MAML1; All Names and Symbols: MAML1; mastermind-like 1 (Drosophila); Mam1; Mam-1; KIAA0200; mastermind homolog; mastermind-like 1; Accession Number (s): NP_055572.1; Human Gene ID(s): 9794; Non-Human GeneID(s):
<b>Immunogen</b>	VLPTCPMAEFALPR, is from N Terminus
<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 110kDa band observed in Human Skeletal Muscle lysates (calculated MW of 108kDa according to NP_055572.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Placenta shows nuclear staining in trophoblasts. Recommended concentration, 2.5-3.8µg/ml.
<b>Reference</b>	Reference(s): Wu L, Aster JC, Blacklow SC, Lake R, Artavanis-Tsakonas S, Griffin JD. MAML1, a human homologue of Drosophila mastermind, is a transcriptional co-activator for NOTCH receptors. Nat Genet. 2000 Dec;26(4):484-9..PMID: 11101851 ->

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**