

Goat anti-MARCH-VII / Axotrophin Antibody

Item Number	dAP-1353
Target Molecule	Principle Name: MARCH-VII / Axotrophin; Official Symbol: MARCH7; All Names and Symbols: MARCH7; membrane-associated ring finger (C3HC4) 7; AXO; AXOT; DKFZP586F1122; MARCH-VII; RNF177; axotrophin; membrane-associated RING-CH protein VII; Accession Number (s): NP_073737.1; Human Gene ID(s): 64844; Non-Human GeneID(s): 57438 (mouse) 311059 (rat)
Immunogen	NFNQESEGRNT, is from internal region
Applications	Pep ELISA, IHC Species Tested: Human
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 4000.
Western Blot	Western Blot: Preliminary experiments gave an approx 125kDa band in Human Spleen and Tonsil lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated si
IHC	Immunohistochemistry: Paraffin embedded Human Uterus. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Muthukumarana PA, Lyons GE, Miura Y, Thompson LH, Watson T, Green CJ, Shurey S, Hess AD, Rosengard BR, Metcalfe SM. Evidence for functional inter-relationships between FOXP3, leukaemia inhibitory factor, and axotrophin/MARCH-7 in transplantation tolerance. Int Immunopharmacol. 2006

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**