

## Goat anti-MLX Antibody

<b>Item Number</b>	dAP-1955
<b>Target Molecule</b>	Principle Name: MLX; Official Symbol: MLX; All Names and Symbols: MLX; MAX-like protein X; MAD7; MXD7; TCFL4; bHLHd13; BigMax protein; MAX-like bHLHZIP protein; transcription factor-like 4; transcription factor-like protein 4; Accession Number (s): NP_937848.1; NP_937847.1; NP_733752.1; Human Gene ID(s): 6945; Non-Human GenID(s): 21428 (mouse) 360631 (rat)
<b>Immunogen</b>	QIVKAHQDNPHEGED, is from internal region This antibody is expected to recognize all three reported isoforms (NP_937848.1; NP_937847.1; NP_733752.1).
<b>Applications</b>	Pep ELISA, 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: Preliminary experiments in Human, Mouse and Rat Liver lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported wi
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Placenta shows nuclear staining of trophoblasts. Recommended concentration, 2.5-3.8µg/ml.
<b>Reference</b>	Reference(s): Stoltzman CA, Peterson CW, Breen KT, Muoio DM, Billin AN, Ayer DE, Glucose sensing by MondoA:Mix complexes: a role for hexokinases and direct regulation of thioredoxin-interacting protein expression. Proceedings of the National Academy of Sciences of the United States of America 2008 May 105

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**