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Research Use Only. Not for diagnostic or therapeutic use.

EB09756 - Goat Anti-MLX Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MLX, MAX-like protein X, MAD7, MXD7, TCFL4, bHLHd13, BigMax protein, MAX-like bHLHZIP protein, transcription factor-like 4, transcription factor-like protein 4

Official Symbol: MLX

Accession Number(s): NP_937848.1; NP_937847.1; NP_733752.1

Human GeneID(s): 6945

Non-Human GenelD(s): 21428 (mouse), 360631 (rat)

Important Comments: This antibody is expected to recognize all three reported isoforms

(NP_937848.1; NP_937847.1; NP_733752.1).

Immunogen

Peptide with sequence C-QIVKAHQDNPHEGED, from the internal region of the protein sequence according to NP_937848.1; NP_937847.1; NP_733752.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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).

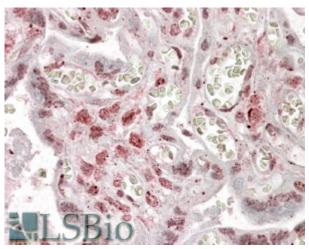
IHC: In paraffin embedded Human Placenta shows nuclear stsaining of trophoblasts.

Recommended concentration: 2.5-3.8µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



 $EB09756~(3.8 \mu g/ml)~staining~of~paraffin~embedded~Human~Placenta.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$