

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07868 - Goat Anti-FMR1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FMR1, fragile X mental retardation 1, FMRP, FRAXA, MGC87458

Official Symbol: FMR1

Accession Number(s): NP_002015.1

Human GenelD(s): 2332

Immunogen

Peptide with sequence C-RTGKDRNQKKEKPD, from the internal region (near the C Terminus) of the protein sequence according to NP_002015.1.

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.

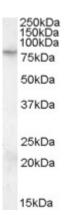
Western blot: Approx 80kDa band observed in lysates of cell line KELLY (calculated MW of 71.2kDa according to NP_002015.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Sittler et al, Hum Mol Genet. 1996 Jan;5(1):95-102; PMID: 8789445). Recommended concentration: 0.1-0.3μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Placenta. Recommended concentration: 2.5µg/ml.

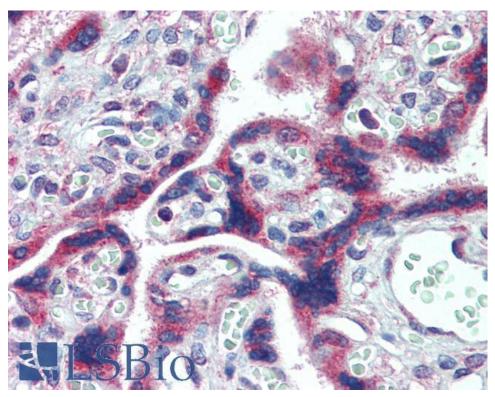
Species Reactivity

Tested: Human

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



EB07868 (0.1 μ g/ml) staining of KELLY cell lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07868 (2.5 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.