ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-FMR1 (aa116-130) Antibody

Item Number	dAP-1812
Target Molecule	Principle Name: FMR1 (aa116-130); Official Symbol: FMR1; All Names and Symbols: FMR1; fragile X mental retardation 1; FMRP; FRAXA; MGC87458; Accession Number (s): NP_002015.1; Human Gene ID(s): 2332; Non-Human GeneID(s): 24948 (rat)
Immunogen	NPNKPATKDTFHKIK, is from internal region
Applications	Pep ELISA, WB, 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; Reconsititute 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 32000.
Western Blot	Western Blot: Approx 70kDa band observed in lysates of cell lines HeLa, Jurkat and Kelly (calculated MW of 71.2kDa according to NP_002015.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: Customer found nuclear staining in selected trophoblasts of Human term placenta.
Reference	Reference(s): Dölen G, Osterweil E, Rao BS, Smith GB, Auerbach BD, Chattarji S, Bear MF Correction of fragile X syndrome in mice. Neuron. 2007 Dec 20;56(6):955-62.PMID: 18093519->

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

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