

Goat anti-MTHFS Antibody

Item Number	dAP-1391
Target Molecule	Principle Name: MTHFS; Official Symbol: MTHFS ; All Names and Symbols: MTHFS ; 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase) ; FLJ30410; HsT19268; Accession Number (s): NP_006432.1; Human Gene ID(s): 10588; Non-Human GeneID(s):
Immunogen	KRCLQHQEVKPYT, is from internal region
Applications	Pep ELISA, WB 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 32000.
Western Blot	Western Blot: Approx 25kDa band observed in Human Liver lysates (calculated MW of 23.3kDa according to NP_006432.1). Recommended concentration: 0.5-1.5µg/ml.
IHC	
Reference	Reference(s): Anguera MC, Stover PJ. Methenyltetrahydrofolate synthetase is a high-affinity catecholamine -binding protein. <i>Arch Biochem Biophys</i> . 2006 Nov 15;455(2):175-87. Epub 2006 Oct 4.. PMID: 17055997 ->

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**