

Goat anti-Cyt19 / AS3MT Antibody

Item Number	dAP-0166
Target Molecule	Principle Name: Cyt19 / AS3MT; Official Symbol: AS3MT; All Names and Symbols: AS3MT; CYT19; Cyt19; Cyt19 protein; likely ortholog of rat methyltransferase Cyt19; S-adenosylmethionine:arsenic (III) methyltransferase; arsenic (+3 oxidation state) methyltransferase; RP11-753C18.6; 2310045H08Rik; methylarsonite methyltransferase; methy; Accession Number (s): NP_065733.2; Human Gene ID(s): 57412; Non-Human GeneID(s):
Immunogen	AALRDAEIQKDVQ, is from N Terminus
Applications	Pep ELISA, IHC Species Tested:
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	
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows cytoplasm staining of epithelial cells with some emphasis on the luminal side of the DCT.. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Lin S, Shi Q, Nix FB, Styblo M, Beck MA, Herbin-Davis KM, Hall LL, Simeonsson JB, Thomas DJ. A novel S-adenosyl-L-methionine:arsenic(III) methyltransferase from rat liver cytosol. J Biol Chem. 2002 Mar 29;277(13):10795-803..PMID: 11790780 ->

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**