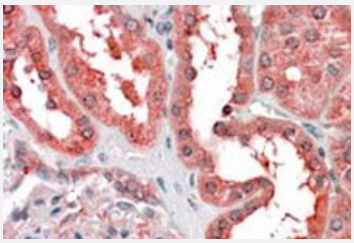
AS3MT polyclonal antibody

Catalog # PAB6281 Size 100 ug

Applications



Western Blot (Tissue lysate)

AS3MT polyclonal antibody (Cat # PAB6281)(3.8 ug/mL) staining of paraffin embedded human kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of AS3MT.
Immunogen	A synthetic peptide corresponding to N-terminus of human AS3MT.
Sequence	AALRDAEIQKDVQ-C
Host	Goat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  AS3MT polyclonal antibody (Cat # PAB6281)(3.8 ug/mL) staining of paraffin embedded human kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Gene Info — AS3MT

Entrez GeneID	57412
Protein Accession#	NP_065733.2
Gene Name	AS3MT
Gene Alias	CYT19
Gene Description	arsenic (+3 oxidation state) methyltransferase
Gene Ontology	Hyperlink
Gene Summary	AS3MT catalyzes the transfer of a methyl group from S-adenosyl-L-methionine (AdoMet) to trivale nt arsenical and may play a role in arsenic metabolism (Lin et al., 2002 [PubMed 11790780]).[sup plied by OMIM
Other Designations	2310045H08Rik|OTTHUMP00000020384|S-adenosylmethionine:arsenic (III) methyltransferase|m ethylarsonite methyltransferase|methyltransferase cyt19

Publication Reference

- A novel S-adenosyl-L-methionine:arsenic(III) methyltransferase from rat liver cytosol.

  Lin S, Shi Q, Nix FB, Styblo M, Beck MA, Herbin-Davis KM, Hall LL, Simeonsson JB, Thomas DJ.

  The Journal of Biological Chemistry 2002 Mar; 277(13):10795.

Disease

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- Alzheimer Disease
- Arsenic Poisoning
- Atherosclerosis
- Cardiovascular Diseases
- DNA Damage
- Genetic Predisposition to Disease
- Precancerous Conditions
- Skin Diseases
- Skin Neoplasms

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