

Rabbit anti-Human UMPS Polyclonal Antibody | anti-UMPS antibody

UMPS Antibody

CATALOG # AAA308675	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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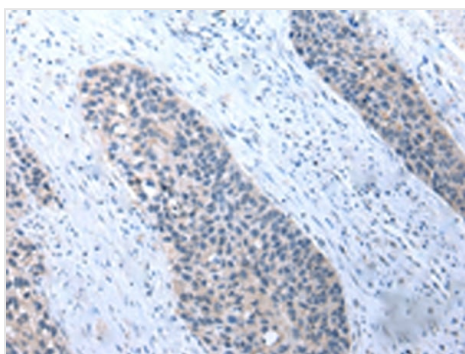
PRODUCT SYNONYMS

UMPS; Polyclonal Antibody; UMPS Antibody; OPRT; anti-UMPS antibody

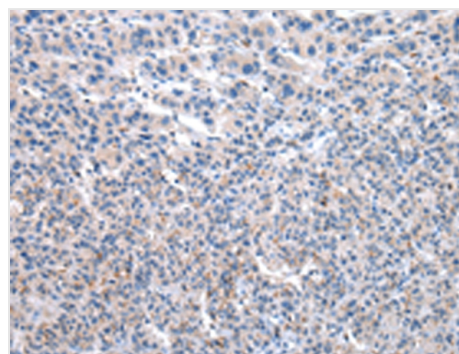
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total UMPS protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	480
Applicable Applications for anti-UMPS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human UMPS
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

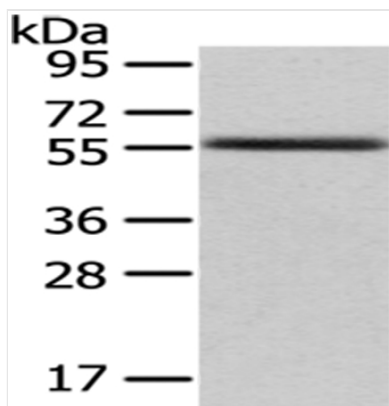
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.



WB (Western Blot)

Gel: 8%SDS-PAGE Lysate: 40 μ g Lane: Human placenta tissue Primary antibody: 1/400 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-UMPS antibody	This gene encodes a uridine 5'-monophosphate synthase. The encoded protein is a bifunctional enzyme that catalyzes the final two steps of the de novo pyrimidine biosynthetic pathway. The first reaction is carried out by the N-terminal enzyme orotate phosphoribosyltransferase which converts orotic acid to orotidine-5'-monophosphate. The terminal reaction is carried out by the C-terminal enzyme OMP decarboxylase which converts orotidine-5'-monophosphate to uridine monophosphate.
Product Categories/Family for anti-UMPS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507835
NCBI GeneID	7372
NCBI Accession #	NP_000364.1
NCBI GenBank Nucleotide #	NM_000373.3
UniProt Accession #	P11172; O00758; O00759; O00760; Q16862; Q9H3Q2; Q9UG49; B5LY68; B5LY72
Molecular Weight	22,922 Da
NCBI Official Full Name	uridine 5'-monophosphate synthase
NCBI Official Synonym Full Names	uridine monophosphate synthetase
NCBI Official Symbol	UMPS
NCBI Official Synonym Symbols	OPRT
NCBI Protein Information	uridine 5'-monophosphate synthase
UniProt Protein Name	Uridine 5'-monophosphate synthase
UniProt Gene Name	UMPS
UniProt Synonym Gene Names	UMP synthase; OPRT; OPRTase; ODC
UniProt Entry Name	UMPS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.