

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

UMPS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176291	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

UMPS; Polyclonal Antibody; UMPS Polyclonal Antibody; ODC; OMPdecase; OPRT; OPRTase; Orotate phosphoribosyl transferase and orotidine 5' decarboxylase; Orotate phosphoribosyltransferase; Orotate phosphoribosyltransferase phosphoribosyltransferase; Orotidine 5' phosphate decarboxylase; Orotidine 5"-phosphate decarboxylase; RP11-71H17.9; UMP synthase; Umps; Uridine 5' monophosphate synthase; Uridine monophosphate synthetase; anti-UMPS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.7mg/mL (varies by lot)
Sequence Length	480
Applicable Applications for anti-UMPS antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human UMPS
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using UMPS Polyclonal Antibody at dilution of 1:40(×200)



WB (Western Blot)

Western blot analysis of Human fetal liver tissue lysate using UMPS Polyclonal Antibody at dilution of 1:400

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. Defects in this gene are the cause of hereditary orotic aciduria. Alternate splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507835
NCBI GeneID	7372
NCBI Accession #	NP_000364.1; BC000364
NCBI GenBank Nucleotide #	NP_000364.1
UniProt Accession #	P11172
Molecular Weight	52 kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/umps-antibody-immunohistochemistry-western-blot-elisa/176291>