

Rabbit Uridine Monophosphate Synthetase Polyclonal Antibody | anti-UMPS antibody

Uridine Monophosphate Synthetase (UMPS) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144976	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Uridine Monophosphate Synthetase; Polyclonal Antibody; Uridine Monophosphate Synthetase (UMPS) Polyclonal Antibody; OPRT; Orotate Phosphoribosyl Transferase; Orotidine-5'-Decarboxylase; Orotate phosphoribosyltransferase; Orotidine 5'-phosphate decarboxylase; anti-UMPS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against UMPS. It has been selected for its ability to recognize UMPS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	480
Applicable Applications for anti-UMPS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	UMPS (Val205~Val480)
Quality Control	Content: The quality control contains recombinant UMPS (Val205~Val480) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

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

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.