

## Datasheet for ABIN2783243 anti-UMPS antibody (C-Term)



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6 Images 1 Publication

### Overview

Quantity:	100 µL
Target:	UMPS
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Horse, Dog, Cow, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UMPS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human UMPS
Sequence:	VGFIGSGSRVS MKPEFLHLTP GVQLEAGGDN LGQQYNSPQE VIGKRGSDII
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 93%, Yeast: 75%
Characteristics:	This is a rabbit polyclonal antibody against UMPS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	UMPS
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## Target Details

Alternative Name:	UMPS ( <a href="#">UMPS Products</a> )
Background:	<p>OPRT (UMPS) is involved in early events of pancreatic and gallbladder carcinogenesis and invasion of hepatocellular carcinomas. Orotate phosphoribosyltransferase is involved in the invasion and metastasis of colorectal carcinoma. Determination of OPRT levels in gastric carcinoma tissue enables to predict the response to S-1-based neoadjuvant/adjuvant chemotherapy.</p> <p>Alias Symbols: OPRT</p> <p>Protein Interaction Partner: UBC, CALU, PLA2G12A, ZNF227, RPS29, PAXIP1, PSEN1, NOS3, APRT, A2M, CUL3, USP50, CDC42EP3, DLST,</p> <p>Protein Size: 480</p>
Molecular Weight:	52 kDa
Gene ID:	7372
NCBI Accession:	<a href="#">NM_000373</a> , <a href="#">NP_000364</a>
UniProt:	<a href="#">P11172</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 480 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

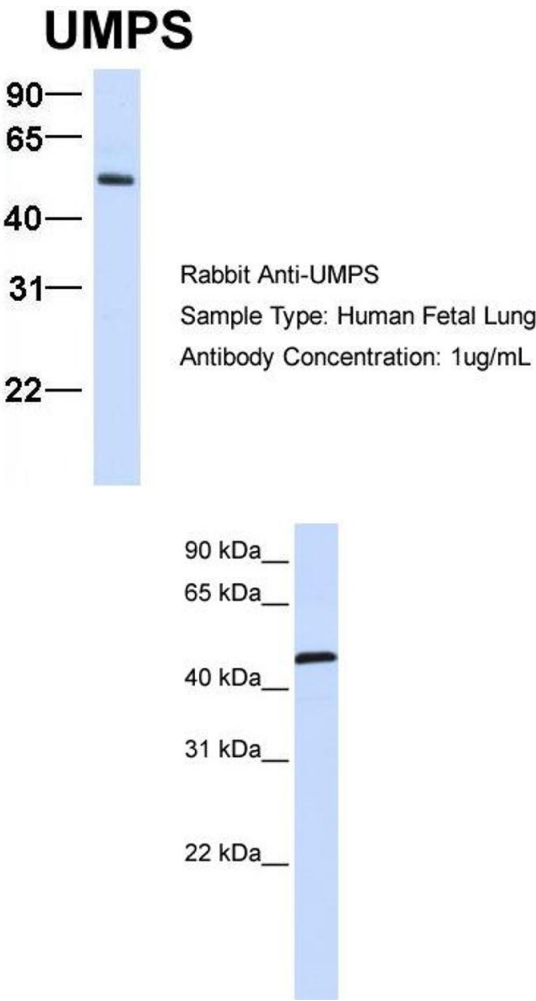
Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: <b>Molecular systems biology</b> , Vol. 3, pp. 89, (2007) ( <a href="#">PubMed</a> ).
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Images

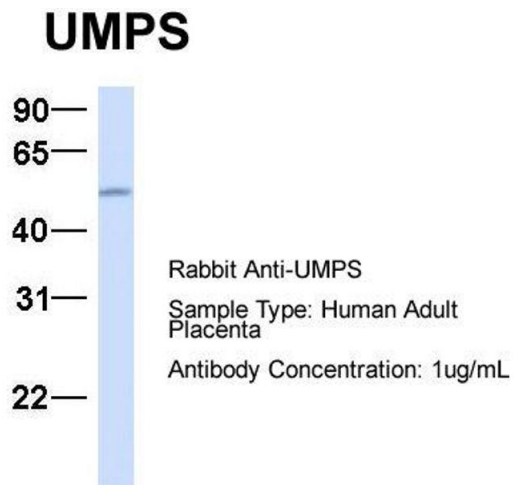


Western Blotting

**Image 1.** Host: Rabbit Target Name: UMPS Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml

Western Blotting

**Image 2.** WB Suggested Anti-UMPS Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721\_B cell lysate UMPS is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells



**Western Blotting**

**Image 3.** Host: Rabbit Target Name: UMPS Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2783243.