

Datasheet for ABIN2783384
anti-MTR antibody (C-Term)[Go to Product page](#)

3 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human MTR
Sequence:	GSEQLDVADL RRLRYKGIRP APGYPSQPDH TEKLTMWRLA DIEQSTGIRL
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MTR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MTR
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Target Details

Alternative Name:	MTR (MTR Products)
Background:	<p>MTR is the enzyme 5-methyltetrahydrofolate-homocysteine methyltransferase. This enzyme, also known as cobalamin-dependent methionine synthase, catalyzes the final step in methionine biosynthesis. Mutations in MTR have been identified as the underlying cause of methylcobalamin deficiency complementation group G. MTR encodes the enzyme 5-methyltetrahydrofolate-homocysteine methyltransferase. This enzyme, also known as cobalamin-dependent methionine synthase, catalyzes the final step in methionine biosynthesis. Mutations in MTR have been identified as the underlying cause of methylcobalamin deficiency complementation group G. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: FLJ45386, MS, cblG</p> <p>Protein Interaction Partner: UBC, DPP9, THG1L, ARPC1A, ARPC2, TPD52L2, CDKN2A, CALU, CDK18, LSM4, NAPG, DHX16, ILF2, UBD, ELAVL1, DYNLL1, TSC22D1,</p> <p>Protein Size: 1265</p>
Molecular Weight:	140 kDa
Gene ID:	4548
NCBI Accession:	NM_000254 , NP_000245
UniProt:	Q99707
Pathways:	Methionine Biosynthetic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1265 AA
Restrictions:	For Research Use only

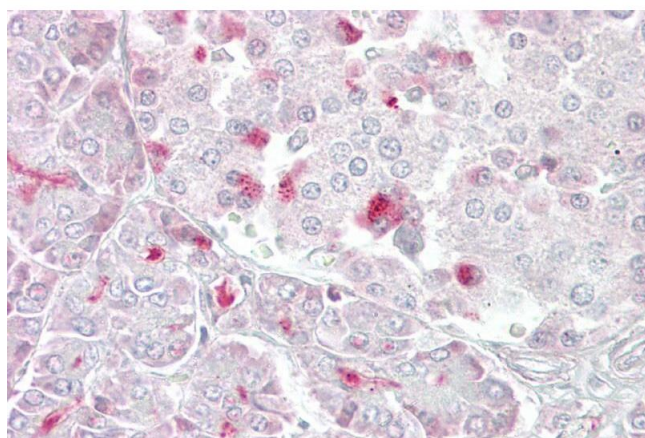
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

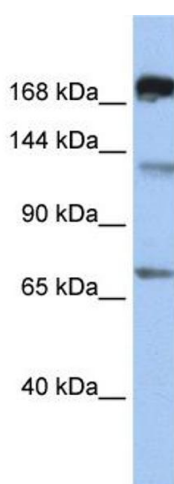
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated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

Images



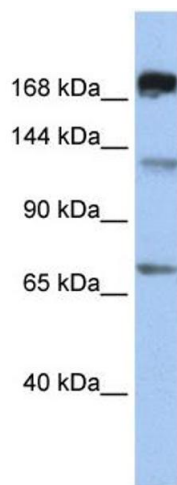
Immunohistochemistry

Image 1. Immunohistochemistry with Pancreas tissue at an antibody concentration of 5µg/ml using anti-MTR antibody (ARP48473_P050)



Western Blotting

Image 2. WB Suggested Anti-MTR Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate MTR is supported by BioGPS gene expression data to be expressed in 721_B



Western Blotting

Image 3. WB Suggested Anti-MTR

Antibody Titration: 0.2-1 µg/mL

Positive Control: 21_B cell lysate

MTR is supported by BioGPS gene expression data to be expressed in 721_B