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Datasheet for ABIN184584
anti-MTR antibody (C-Term)

2 Images

Overview

Quantity:	100 µg
Target:	MTR
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MTR antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	MTR
Immunogen:	Peptide with sequence C-VEKWLGPILGYDTD, from the C Terminus of the protein sequence according to NP_000245.2.
Sequence:	VEKWLGPILG YDTD
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	MTR
Alternative Name:	MTR (MTR Products)
Background:	MTR, 5-methyltetrahydrofolate-homocysteine methyltransferase, 5-methyltetrahydrofolate-homocysteine methyltransferase 1, FLJ33168, FLJ43216, FLJ45386, MS, cblG, cobalamin-dependent methionine synthase, methionine synthase, vitamin-B12 dependent methionine
Gene ID:	4548, 81522
NCBI Accession:	NP_001278869
Pathways:	Methionine Biosynthetic Process

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Adrenal Gland shows cytoplasm staining in the cortex. Recommended concentration: 3-5 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

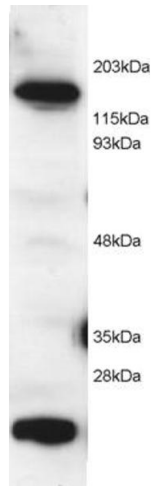
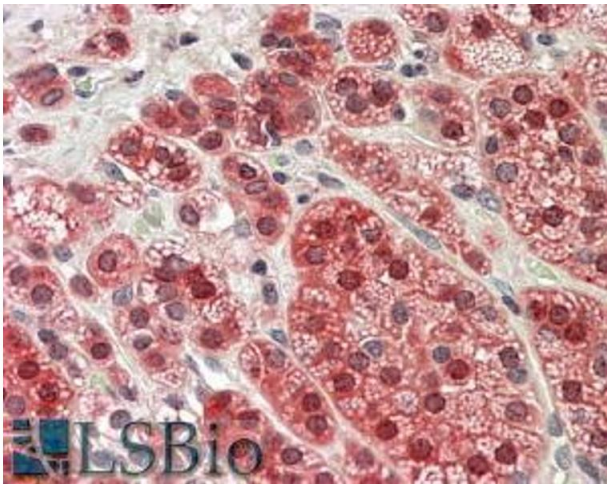


Image 1. ABIN184584 (2 $\mu\text{g}/\text{mL}$) staining of HeLa lysate (RIPA buffer, 1.4×10^5 cells per lane). Detected by western blot using chemiluminescence.



Immunohistochemistry

Image 2. ABIN184584 (3.8 $\mu\text{g}/\text{ml}$) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.