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## anti-MTHFS antibody (Internal Region)

2 Images



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#### Overview

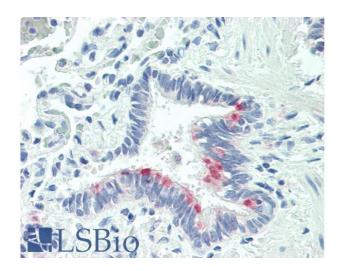
Quantity:	100 μg
Target:	MTHFS
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MTHFS antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

#### **Product Details**

Purpose:	MTHFS
Immunogen:	Peptide with sequence KRCLQHQEVKPYT, from the internal region of the protein sequence according to NP_006432.1.
Sequence:	KRCLQHQEVK PYT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

### **Target Details**

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Target:	MTHFS
Alternative Name:	MTHFS (MTHFS Products)
Background:	MTHFS , 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase) , FLJ30410, HsT19268
Gene ID:	10588
NCBI Accession:	NP_006432
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Lung. Recommended concentration: 5 μ g/mL.  Western Blot: Approx 25 kDa band observed in Human Liver lysates (calculated MW of 23.3 kDa according to NP_006432.1). Recommended concentration: 0.5-1.5 μg/mL. Primary incubation was 1 hour.  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.



#### **Immunohistochemistry**

**Image 1.** ABIN263186 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

15kDa

#### **Western Blotting**

**Image 2.** ABIN263186 (0.5 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Detected by chemiluminescence.