

Datasheet for ABIN570752  
**anti-MTHFR antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

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

## Product Details

Purpose:	MTHFR
Immunogen:	Peptide with sequence C-NRPTQNARETEAP, from the C Terminus of the protein sequence according to NP_005948.3.
Sequence:	NRPTQNARET EAP
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

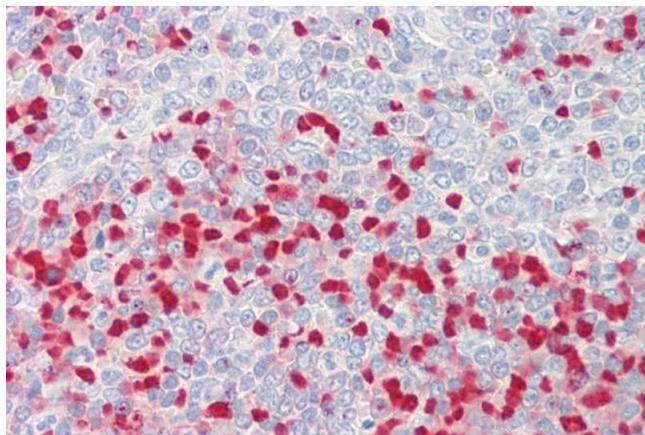
Target:	MTHFR
Alternative Name:	MTHFR ( <a href="#">MTHFR Products</a> )
Background:	MTHFR, 5,10-methylenetetrahydrofolate reductase (NADPH), OTTHUMP00000002367, OTTHUMP00000002368, methylenetetrahydrofolate reductase intermediate form
Gene ID:	4524
NCBI Accession:	<a href="#">NP_005948</a>
Pathways:	<a href="#">Methionine Biosynthetic Process</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 3.75 µg/mL.  Western Blot: Preliminary experiments gave an approx 28 kDa band in Human Brain (Cerebellum), Skeletal Muscle and Placenta lysates after 0.2 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we  Peptide ELISA: antibody detection limit dilution 1:16000.
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.** ABIN570752 (3.75µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.