

Datasheet for ABIN7436504  
**anti-MTHFR antibody (AA 1-325)**[Go to Product page](#)

## 9 Images

## Overview

Quantity:	100 µL
Target:	MTHFR
Binding Specificity:	AA 1-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTHFR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Methylenetetrahydrofolate Reductase (MTHFR)
Immunogen:	Recombinant Methylenetetrahydrofolate Reductase (MTHFR) corresponding to Met1~Arg325
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MTHFR. It has been selected for its ability to recognize MTHFR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

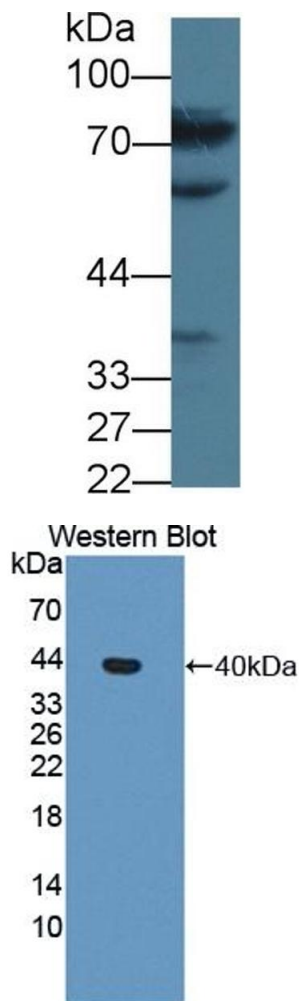
Target:	MTHFR
Alternative Name:	Methylenetetrahydrofolate Reductase ( <a href="#">MTHFR Products</a> )
Background:	5,10-Methylenetetrahydrofolate Reductase(NADPH)
Pathways:	<a href="#">Methionine Biosynthetic Process</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:380-1500 Immunohistochemistry: 5-20 µg/mL 1:38-150 Immunocytochemistry: 5-20 µg/mL 1:38-150 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

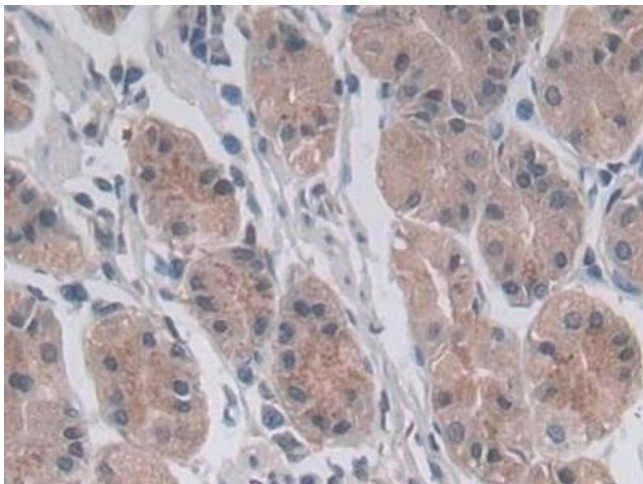


#### Western Blotting

**Image 1.** Detection of MTHFR in Human Jurkat cell lysate using Polyclonal Antibody to Methylenetetrahydrofolate Reductase (MTHFR)

#### Western Blotting

**Image 2.** Detection of Recombinant MTHFR, Human using Polyclonal Antibody to Methylenetetrahydrofolate Reductase (MTHFR)



#### Immunohistochemistry

**Image 3.** Detection of MTHFR in Human Stomach Tissue using Polyclonal Antibody to Methylenetetrahydrofolate Reductase (MTHFR)

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7436504.