




Product datasheet

Anti-MTR antibody ab9209

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概述

产品名称	Anti-MTR抗体
描述	山羊多克隆抗体to MTR
宿主	Goat
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Dog, Pig 
免疫原	Synthetic peptide corresponding to Human MTR aa 1252-1265 (C terminal). Sequence: C-VEKWLGPILGYDTD Database link: Q99707 (Peptide available as ab23154)  Run BLAST with  Run BLAST with
阳性对照	HeLa and Jurkat cell lysates
常规说明	This enzyme catalyzes the final step in methionine biosynthesis. MTR mutations have been identified as an underlying cause of methylcobalamin deficiency complementation group G. Principle Names - MTR; 5-methyltetrahydrofolate-homocysteine methyltransferase methionine synthase

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 5mg/ml Tris, pH 7.3
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Primary antibody说明	This enzyme catalyzes the final step in methionine biosynthesis. MTR mutations have been

identified as an underlying cause of methylcobalamin deficiency complementation group G.
Principle Names - MTR; 5-methyltetrahydrofolate-homocysteine methyltransferase methionine synthase

克隆 多克隆
同种型 IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab9209** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

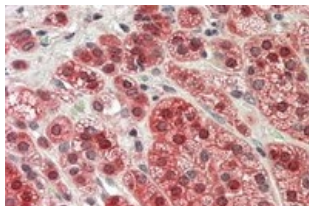
应用	Ab 评论	说明
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 150 kDa (predicted molecular weight: 150 kDa). Can be blocked with Human MTR peptide (ab23154) .
IHC-P		Use a concentration of 3 - 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

相关性 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.

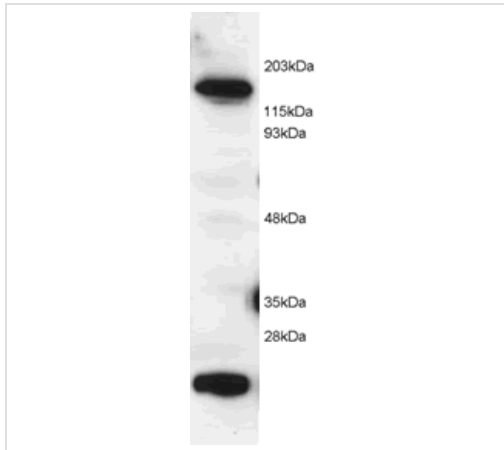
细胞定位 Cytoplasmic

图片



9209 (3.8µg/ml) staining of paraffin embedded Human Adrenal Gland following Steamed antigen retrieval with citrate buffer pH 6 and AP-staining shows cytoplasm staining in the cortex.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MTR antibody (ab9209)



Western blot - Anti-MTR antibody (ab9209)

Goat polyclonal to MTR (2µg/ml) staining of
Hela lysate (RIPA buffer, 1.4E5 cells per lane).
Detected by western blot using
chemiluminescence.

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