abcam

Product datasheet

Anti-MTA2/PID antibody ab8106

★★★★★ 2 Abreviews 31 References 4 Images

Overview

Product name	Anti-MTA2/PID antibody
Description	Rabbit polyclonal to MTA2/PID
Host species	Rabbit
Specificity	No cross-reactivity to MTA1.
Tested applications	**Suitable for:** IHC-Fr, ELISA, WB, IHC-P, ICC/IF, IP
Species reactivity	**Reacts with:** Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide
Purity	Affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab8106 in the following tested applications.

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

Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration. PubMed: 18413351
ELISA		Use at an assay dependent concentration.
WB	★★★★☆ (1)	Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 75 kDa (predicted molecular weight: 75 kDa).
IHC-P		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 10 µg/ml.
IP	★★★★★ (1)	Use at an assay dependent concentration.

Target

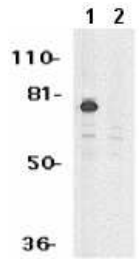
Function
May be involved in the regulation of gene expression as repressor and activator. The repression might be related to covalent modification of histone proteins.

Tissue specificity
Widely expressed.

Sequence similarities
Contains 1 BAH domain.
Contains 1 ELM2 domain.
Contains 1 GATA-type zinc finger.
Contains 1 SANT domain.

Cellular localization
Nucleus.

Images

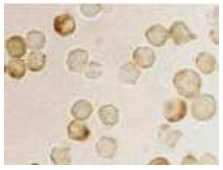


Western blot - Anti-MTA2/PID antibody (ab8106)

All lanes : Anti-MTA2/PID antibody (ab8106) at 1 µg/ml

Lane 1 : HeLa whole cell lysate with absence of blocking peptide
Lane 2 : HeLa whole cell lysate with presence of blocking peptide

Predicted band size: 75 kDa



Immunocytochemistry/ Immunofluorescence - Anti-MTA2/PID antibody (ab8106)

ab8106 at 10µg/ml staining MTA2/PID in Hela cells by ICC/IF

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MTA2/PID antibody (ab8106)	ab8106 (2µg/ml) staining MTA2/PID in human ileum using an automated system (DAKO Autostainer Plus). Using this protocol there is strong nuclear staining. Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H2O2 in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.
Immunocytochemistry/ Immunofluorescence - Anti-MTA2/PID antibody (ab8106)	Immunofluorescence of PID in HeLa cells using ab8106 at 10 ug/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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