

## **Product datasheet for TA339100**

## **MTA2 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-MTA2 antibody: synthetic peptide directed towards the N terminal of

human MTA2. Synthetic peptide located within the following region: NGNVEAKVVCLFRRRDISSSLNSLADSNAREFEEESKQPGVSEQQRHQLK

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

**Purification:** Protein A purified

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 75 kDa

**Gene Name:** metastasis associated 1 family member 2

Database Link: NP 004730

Entrez Gene 9219 Human

<u>094776</u>



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Background:

This gene encodes a protein that has been identified as a component of NuRD, a nucleosome remodeling deacetylase complex identified in the nucleus of human cells. It shows a very broad expression pattern and is strongly expressed in many tissues. It may represent one member of a small gene family that encode different but related proteins involved either directly or indirectly in transcriptional regulation. Their indirect effects on transcriptional regulation may include chromatin remodeling. It is closely related to another member of this family, a protein that has been correlated with the metastatic potential of certain carcinomas. These two proteins are so closely related that they share the same types of domains. These domains include two DNA binding domains, a dimerization domain, and a domain commonly found in proteins that methylate DNA. One of the proteins known to be a target protein for this gene product is p53. Deacetylation of p53 is correlated with a loss of growth inhibition in transformed cells supporting a connection between these gene family members and metastasis. [provided by RefSeq, May 2011]

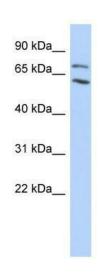
Synonyms: MTA1L1; PID

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%;

Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

**Protein Families:** Druggable Genome, Transcription Factors

## **Product images:**



WB Suggested Anti-MTA2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Transfected 293T