

## MTA1 (K182) polyclonal antibody

Catalog: BS2045

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

MTA1 (metastasis-associated protein 1) is a component of the NURD (for nucleosome remodeling and histone deacetylation) complex, which is associated with ATP-dependent chromatin-remodeling and histone deacetylase activity. MTA1 functions in conjunction with other components of NURD to mediate transcriptional repression as it facilitates the association of repressor molecules with the chromatin. Structurally, MTA1 contains a single SH3-binding motif and a zinc finger domain, along with a region similar to the corepressor protein N-CoR. MTA1 is normally expressed at low levels in various tissues and is more highly expressed in testis. Overexpression of MTA1 correlates with tumor invasion and metastasis in various carcinomas including colorectal, gastrointestinal and breast carcinomas.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 80 kDa

### Swiss-Prot:

Q13330

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

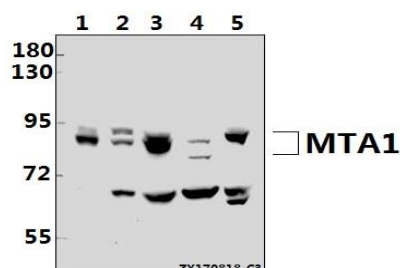
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

MTA1 (K182) polyclonal antibody detects endogenous levels of MTA1 protein.

### DATA:



Western blot (WB) analysis of MTA1 (K182) pAb at 1:500 dilution

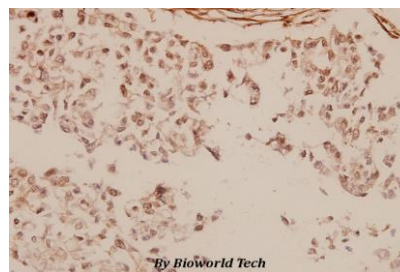
Lane1: HEK293T whole cell lysate (10ug)

Lane2: MCF-7 whole cell lysate (20ug)

Lane3: HepG2 whole cell lysate (40ug)

Lane4: H9C2 whole cell lysate (40ug)

Lane5: CT26 whole cell lysate (40ug)



Immunohistochemistry (IHC) analysis of MTA1 (K182) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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