

ADI1 Antibody

Membrane-type 1 matrix metalloproteinase cytoplasmic tail binding protein-1

CATALOG NO.: XW-7918

BACKGROUND:

FUNCTION: Has aci-reductone dioxygenase (ARD) activity and can function in the 5-methylthioadenosine (MTA) methionine salvage pathway. Down-regulates cell migration mediated by MMP14. Necessary for hepatitis C virus replication in an otherwise non-permissive cell line.
SUBUNIT: Interacts with MMP14. **SIMILARITY:** Belongs to the aci-reductone dioxygenase (ARD) family. **COFACTOR:** Binds 1 nickel ion per monomer. Can also use other divalent metal cations (By similarity)

TESTED APPLICATION:

WB

SPECIES REACTIVITY:

H

CLONALITY:

Polyclonal

HOST:

Chicken

IMMUNOGEN:

1-179

PROTEIN GI #:

8922762

PROTEIN ACCESSION #:

NP_060739.1

PURIFICATION:

Immunoaffinity Purified

BUFFER:

Phosphate-Buffered Saline. No preservatives added.

APPLICATION:

MTCBP-1 IgY antibody can be used for the detection of 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase by Western Blot.

STORAGE:

This antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.