

Rabbit Anti-MTSS1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52041

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O43312
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82251
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MTSS1
Epitope Specificity	101-200/755
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytoskeleton.
SUBUNIT	Binds to actin. Binds to the cytoplasmic domain of receptor protein tyrosine phosphatase delta.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May be related to cancer progression or tumor metastasis in a variety of organ sites, most likely through an interaction with the actin cytoskeleton.

Additional Information

Gene ID	9788
Other Names	MIM; MIMA; MIMB; Metastasis suppressor protein 1; Metastasis suppressor YGL-1; Missing in metastasis protein; MTSS1; KIAA429
Target/Specificity	Expressed in many tissues, including spleen, thymus, prostate, testis, uterus, colon, and peripheral blood.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MTSS1 (HGNC:20443)
Synonyms	KIAA0429, MIM
Function	May be related to cancer progression or tumor metastasis in a variety of organ sites, most likely through an interaction with the actin cytoskeleton.
Cellular Location	Cytoplasm, cytoskeleton.
Tissue Location	Expressed in many tissues, including spleen, thymus, prostate, testis, uterus, colon, and peripheral blood

Background

May be related to cancer progression or tumor metastasis in a variety of organ sites, most likely through an interaction with the actin cytoskeleton.

References

Lee Y.-G.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.

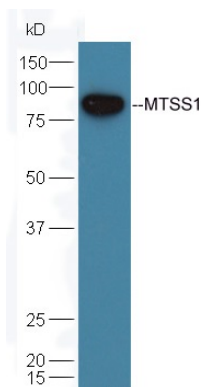
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Ishikawa K.,et al.DNA Res. 4:307-313(1997).

Lee Y.-G.,et al.Neoplasia 4:291-294(2002).

Woodings J.A.,et al.Biochem. J. 371:463-471(2003).

Images



Mouse testicular lysate probed with Rabbit Anti-MTSS1 Polyclonal Antibody (AP52041) at 1:300 overnight in 4 °C. Followed by conjugation to the secondary antibody at 1:5000 90min in 37 °C

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.