

Rabbit MT2A Polyclonal Antibody | anti-MT2A antibody

MT2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31126	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, ELISA

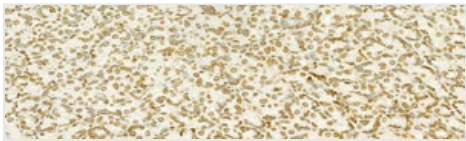
PRODUCT SYNONYMS

MT2A; Polyclonal Antibody; MT2A Antibody; CES 1; CES1; Metallothionein 1A; Metallothionein 1S; Metallothionein 2; Metallothionein 2A; Metallothionein IA; Metallothionein II; Metallothionein-1A; Metallothionein-IA; Metallothionein2; MGC32848; MT 1A; MT 2; MT 2A; MT IA; MT II; MT-1A; MT-IA; MT1; MT1A; MT1A_HUMAN; MT1S; MT2; MTC; anti-MT2A antibody

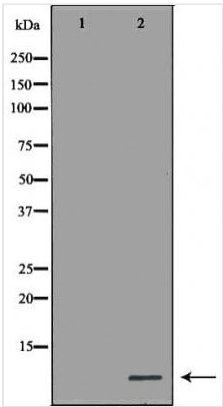
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	MT2A antibody detects endogenous levels of total MT2A
Purity/Purification	peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150m MNaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	61
Applicable Applications for anti-MT2A antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA: 1:20000-1:40000 The optimal dilutions should be determined by the end user. IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human MT2A, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA31126 at 1/100 staining Rat stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)
Western blot analysis of Hela cell lysate, using MT2A Antibody. The lane on the left is treated with the antigen-specific peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174764
NCBI GeneID	4502
NCBI Accession #	NP_005944.1
NCBI GenBank Nucleotide #	NM_005953.4
UniProt Accession #	P02795; Q14823; Q2HXR9; Q53XT9
Molecular Weight	7 kDa
NCBI Official Full Name	metallothionein-2
NCBI Official Synonym Full Names	metallothionein 2A
NCBI Official Symbol	MT2A
NCBI Official Synonym Symbols	MT2; MT-2; MT-II
NCBI Protein Information	metallothionein-2
UniProt Protein Name	Metallothionein-2
UniProt Gene Name	MT2A
UniProt Synonym Gene Names	CES1; MT2; MT-2; MT-II

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.