

Anti-MTX1 antibody (186-435) (STJ110221)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

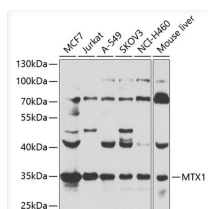
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 51kDa Observed Mw: 36kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

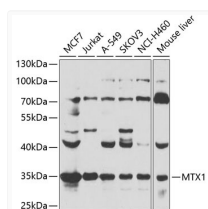
Gene ID	4580
Gene Symbol	MTX1
UniProt ID	MTX1_HUMAN
Immunogen Region	186-435
Immunogen Sequence	LKVHKISNPWQSPSGTLPAL RTSHGEVISVPHKIITHLRK EVHTFWIDTKNYVEVTRKWY AEAMPFPLNFFLPGRMQRQY MERLQLLTGEHRPEDEEELE KELYREARECLTLLSQRLGS QKFFFGDAPASLDAFVFSYL ALLLQAKLPSGKLQVHLRGL HNLCAVCTHILSLYFPWDGA EVPPQRQTPAGPETEEEPYR RRNQILSVLAGLAAMVGAL LSGIVSIQRATPARAPGTR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 186-435 of human MTX1 (NP_942584.2).

ADDITIONAL INFORMATION

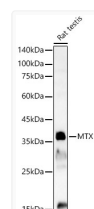
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using MTX1 Rabbit pAb (STJ110221) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit Exposure time: 90s.



Western blot analysis of various lysates using MTX1 Rabbit pAb (STJ110221) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit Exposure time: 90s.



Western blot analysis of lysates from Rat testis, using MTX1 Rabbit pAb (STJ110221) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 60s.