

Anti-ADAMTS4 antibody (74-318) (STJ22510)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

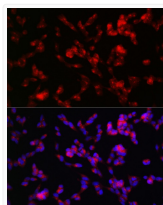
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 90kDa Observed Mw: 90kDa/
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

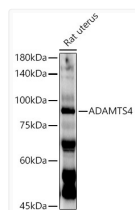
Gene ID	9507
Gene Symbol	ADAMTS4
UniProt ID	ATS4_HUMAN
Immunogen Region	74-318
Immunogen Sequence	GSGAPARLLCRLQAFGETLL LELEQDSGVQVEGLTVQYLQ QAPELLGGAEPGTYLTGTIN GDPEVASLHWDGGALLGLV LQYRGAEHLQPLEGGTPNSA GGPGAHILRRKSPASGQGPM CNVKAPLGSPSPRRRAKRF ASLSRFVETLVVADDKMAAF HGAGLKRYLLTVMAAAAKAF KHPSIRNPVSLVTVRLVILG SGEEGPQVGPAAQTLRSFC AWQRLNTPEDSDPDHFD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 74-318 of human ADAMTS4 (NP_005090.3).

ADDITIONAL INFORMATION

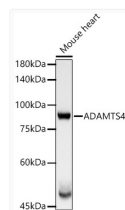
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of SH-SY5Y cells using ADAMTS4 Rabbit polyclonal antibody (STJ22510) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from Rat uterus using ADAMTS4 Rabbit polyclonal antibody (STJ22510) at 1:500 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Enhanced Kit. Exposure time:120s.



Western blot analysis of lysates from Mouse heart using ADAMTS4 Rabbit polyclonal antibody (STJ22510) at 1:500 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time:3s.