

TrpRS Antibody
Rabbit mAb
Catalog # AP92387**Specification**

TrpRS Antibody - Product Information

Application	WB, IHC, FC
Primary Accession	P23381
Reactivity	Rat
Clonality	Monoclonal

Other Names

WARS; GAMMA-2; HWRS; IFI53; IFP53; TrpRS; WRS;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	53165 Da

TrpRS Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TrpRS
Description	Isoform 1, isoform 2 and T1-TrpRS have aminoacylation activity while T2-TrpRS lacks it. Isoform 2, T1-TrpRS and T2-TrpRS possess angiostatic activity whereas isoform 1 lacks it. T2-TrpRS inhibits fluid shear stress-activated responses of endothelial cells.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

TrpRS Antibody - Protein Information**Name** WARS1 ([HGNC:12729](#))**Synonyms** IFI53, WARS, WRS**Function**

Catalyzes the attachment of tryptophan to tRNA(Trp) in a two- step reaction: tryptophan is first activated by ATP to form Trp-AMP and then transferred to the acceptor end of the tRNA(Trp).

Cellular Location

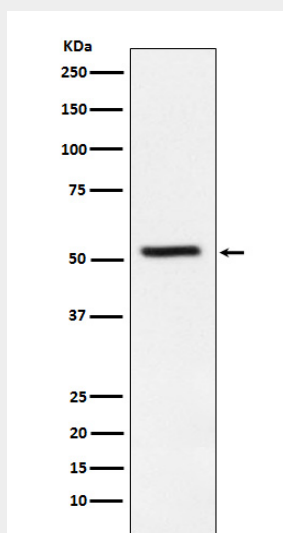
Cytoplasm.

TrpRS Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TrpRS Antibody - Images



Western blot analysis of TrpRS expression in HeLa cell lysate.