

Anti-TrpRS Rabbit Monoclonal Antibody

Catalog # ABO15806

Product Information

Application	WB, IHC, FC
Primary Accession	P23381
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TrpRS Rabbit Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	7453
Other Names	Tryptophan--tRNA ligase, cytoplasmic, 6.1.1.2, Interferon-induced protein 53, IFP53, Tryptophanyl-tRNA synthetase, TrpRS, hWRS, T1-TrpRS, T2-TrpRS, WARS1 (HGNC:12729), IFI53, WARS, WRS
Calculated MW	53165
Application Details	WB 1:500-1:2000 IHC 1:100-1:500 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 23W83
Immunogen	A synthesized peptide derived from human TrpRS
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	WARS1 (HGNC:12729)
Synonyms	IFI53, WARS, WRS

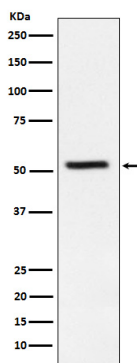
Function

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.

Images



Western blot analysis of TrpRS expression in HeLa cell lysate.

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