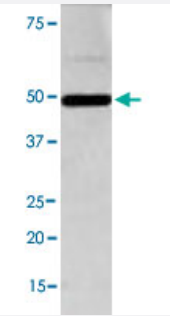
WARS polyclonal antibody

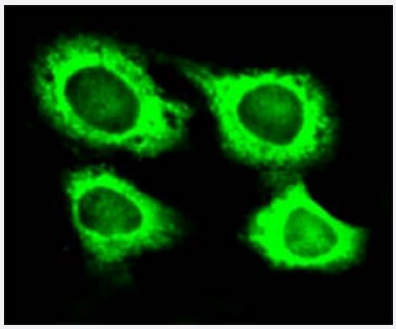
Catalog # PAB28523 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HEK293T cell lysate using WARS polyclonal antibody (Cat # PAB28523).



Immunofluorescence

Immunofluorescence of HeLa cell line with WARS polyclonal antibody (Cat # PAB28523).

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant WARS.
Immunogen	Recombinant protein corresponding to full length human WARS.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (1:5000) Immunofluorescence The optimal working dilution should be determined by the end user.

Storage Buffer	In serum (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of HEK293T cell lysate using WARS polyclonal antibody (Cat # PAB28523).

- Immunofluorescence

  Immunofluorescence of HeLa cell line with WARS polyclonal antibody (Cat # PAB28523).

Gene Info — WARS

Entrez GeneID	7453
Gene Name	WARS
Gene Alias	GAMMA-2, IFI53, IFP53
Gene Description	tryptophanyl-tRNA synthetase
Omim ID	191050
Gene Ontology	Hyperlink
Gene Summary	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. B ecause of their central role in linking amino acids with nucleotide triplets contained in tRNAs, amin oacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochond rial form, named WARS2. Tryptophanyl-tRNA synthetase (WARS) catalyzes the aminoacylation of tRNA(trp) with tryptophan and is induced by interferon. Tryptophanyl-tRNA synthetase belongs to t he class I tRNA synthetase family. Four transcript variants encoding two different isoforms have b een found for this gene. [provided by RefSeq
Other Designations	interferon-induced protein 53|tryptophan tRNA ligase 1, cytoplasmic

Pathway

- Aminoacyl-tRNA biosynthesis
- Tryptophan metabolism

Disease

- Atherosclerosis
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Myocardial Infarction