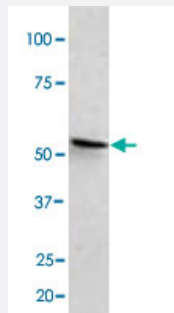


YARS polyclonal antibody

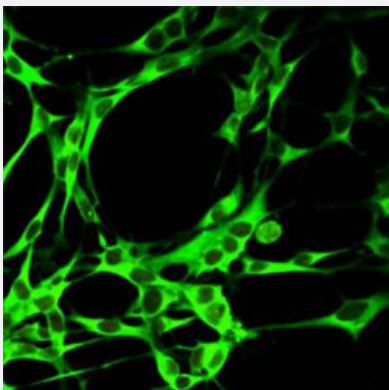
Catalog # PAB28522 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HEK293T cell lysate using YARS polyclonal antibody (Cat # PAB28522).



Immunofluorescence

Immunofluorescence of SH-SY5Y cell line with YARS polyclonal antibody (Cat # PAB28522).

Specification

| | |
|---------------------|---|
| Product Description | Rabbit polyclonal antibody raised against full length recombinant YARS. |
| Immunogen | Recombinant protein corresponding to full length human YARS. |
| Host | Rabbit |
| Reactivity | Human, Mouse |
| Form | Liquid |

| | |
|----------------------------|--|
| Recommend Usage | Western Blot (1:10000) 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 should be handled by trained staff only. |

Applications

- Western Blot (Cell lysate)

Western blot analysis of HEK293T cell lysate using YARS polyclonal antibody (Cat # PAB28522).

- Immunofluorescence

Immunofluorescence of SH-SY5Y cell line with YARS polyclonal antibody (Cat # PAB28522).

Gene Info — YARS

| | |
|---------------------------|--|
| Entrez GeneID | 8565 |
| Gene Name | YARS |
| Gene Alias | CMTDIC, TYRRS, YRS, YTS |
| Gene Description | tyrosyl-tRNA synthetase |
| Omim ID | 603623 608323 |
| Gene Ontology | Hyperlink |
| Gene Summary | Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Tyrosyl-tRNA synthetase belongs to the class I tRNA synthetase family. Cytokine activities have also been observed for the human tyrosyl-tRNA synthetase, after it is split into two parts, an N-terminal fragment that harbors the catalytic site and a C-terminal fragment found only in the mammalian enzyme. The N-terminal fragment is an interleukin-8-like cytokine, whereas the released C-terminal fragment is an EMAP II-like cytokine. [provided by RefSeq] |
| Other Designations | OTTHUMP00000004027 tyrosine tRNA ligase 1, cytoplasmic |

Pathway

- [Aminoacyl-tRNA biosynthesis](#)