

## Product datasheet for **TA383402**

### YARS2 Rabbit Polyclonal Antibody

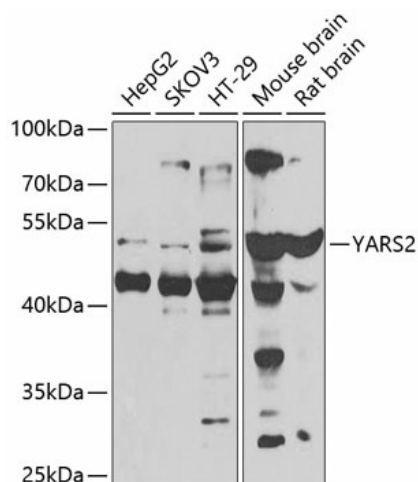
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 228-477 of human YARS2 (NP_001035526.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	53kDa
Gene Name:	tyrosyl-tRNA synthetase 2
Database Link:	<a href="#">Entrez Gene 51067 Human Q9Y2Z4</a>
Background:	This gene encodes a mitochondrial protein that catalyzes the attachment of tyrosine to tRNA(Tyr). Mutations in this gene are associated with myopathy with lactic acidosis and sideroblastic anemia type 2 (MLASA2).
Synonyms:	CGI-04; FLJ13995; mt-TyrRS; TyrRS



[View online »](#)

## Product images:



Western blot analysis of extracts of various cell lines, using YARS2 antibody (TA383402) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.