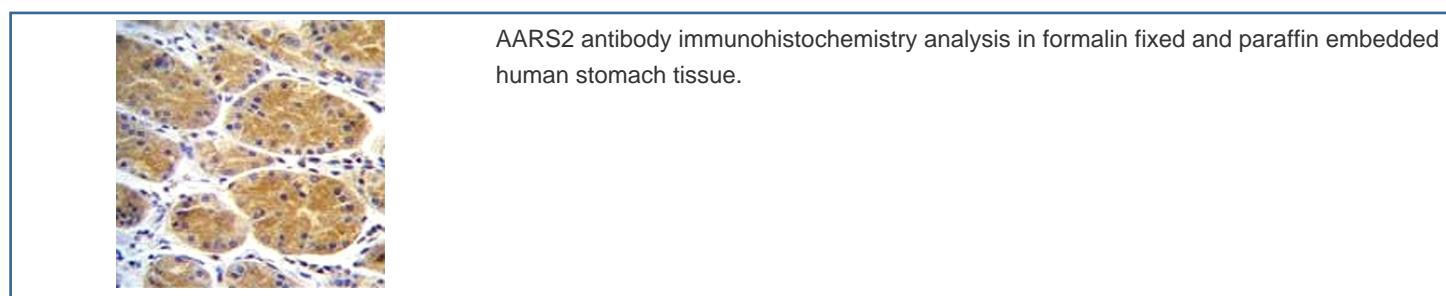
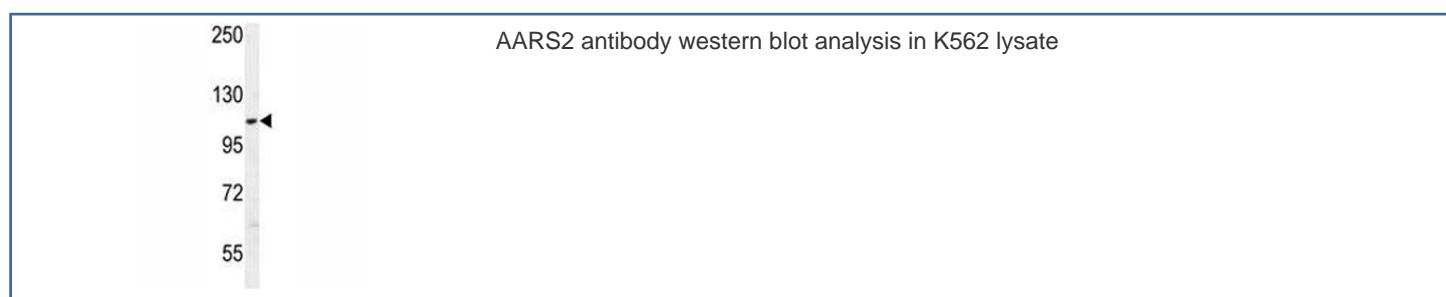


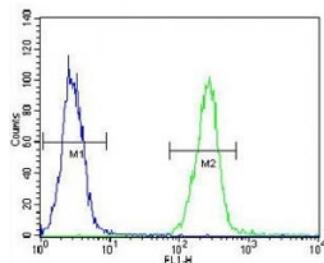
AARS2 Antibody (F40154)

Catalog No.	Formulation	Size
F40154-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40154-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q5JTZ9
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This AARS2 antibody is available for research use only.





AARS2 antibody flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Alanyl-tRNA synthetase 2 (AARS2) is an enzyme that catalyzes the chemical reaction: ATP + L-alanine + tRNAAla \leftrightarrow AMP + diphosphate + L-alanyl-tRNAAla. This enzyme participates in alanine and aspartate metabolism and aminoacyl-tRNA biosynthesis.

Application Notes

Titration of the AARS2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 366-394 from the human protein was used as the immunogen for this AARS2 antibody.

Storage

Aliquot the AARS2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.