

## Anti-DARS2 antibody (406-645) (STJ110123)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

### PRODUCT PROPERTIES

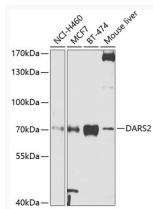
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 74kDa Observed Mw: 74kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

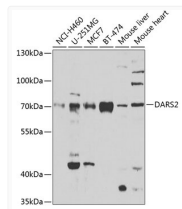
Gene ID	<a href="#">55157</a>
Gene Symbol	<a href="#">DARS2</a>
UniProt ID	<a href="#">SYDM_HUMAN</a>
Immunogen Region	406-645
Immunogen Sequence	ANRNWNSPVANFIMESQRLE LIRLMETQEEDVLLTAGEH NKACSLLGKLRLECADLLET RGVVLDRDPTLFSFLWVVDFF LFLPKEENPRELESAAHPFT APHPSDIHLLYTEPKKARSQ HYDLVLNGNEIGGGSIRIHN AELQRYILATLLKEDVKMLS HLLQALDYGAPPHGGIALGL DRLICLVGTGSPSIRDVIAFP KSFRGHDLMSNTPDSVPPPEE LKPYHIRVSKPTDSKAERA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 406-645 of human DARS2 (NP_060592.2).

### ADDITIONAL INFORMATION

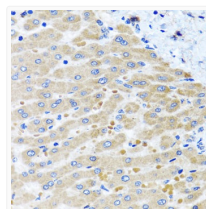
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



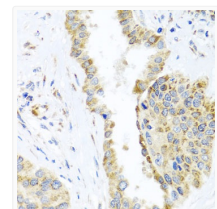
Western blot analysis of extracts of various cell lines, using DARS2 antibody (STJ110123) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human liver damage using DARS2 antibody (STJ110123) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using DARS2 antibody (STJ110123) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using DARS2 antibody (STJ110123) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.

