

Anti-SARS2 Antibody

ER1902-38



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Zebrafish
Applications:	WB, IF-Tissue, IHC-P
Molecular Wt:	Predicted band size: 58 kDa

Description: Involved in ATP binding, has serine-tRNA ligase activity and involved in seryl-tRNA aminoacylation. The 3 substrates of this enzyme are ATP, L-serine, and tRNA(Ser), whereas its 3 products are AMP, diphosphate, and L-seryl-tRNA(Ser). This enzyme belongs to the family of ligases, to be specific those forming carbon-oxygen bonds in aminoacyl-tRNA and related compounds. The systematic name of this enzyme class is L-serine:tRNASer ligase (AMP-forming). Other names in common use include seryl-tRNA synthetase, SerRS, seryl-transfer ribonucleate synthetase, seryl-transfer RNA synthetase, seryl-transfer ribonucleic acid synthetase, and serine transase. This enzyme participates in glycine, serine and threonine metabolism and aminoacyl-trna biosynthesis.

Immunogen: Recombinant protein within zebrafish SARS2 aa 289-510 / 510.

Positive control: Zebrafish tissue lysate, Zebrafish tissue.

Subcellular location: Mitochondrion.

Database links: SwissProt: A3QJX4 Zebrafish

Recommended Dilutions:

WB	1:500
IF-Tissue	1:50-1:200
IHC-P	1:50-1:200

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 50% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn

Images

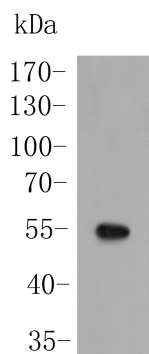


Fig1: Western blot analysis of SARS2 on Zebrafish tissue lysate. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (ER1902-38, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature.

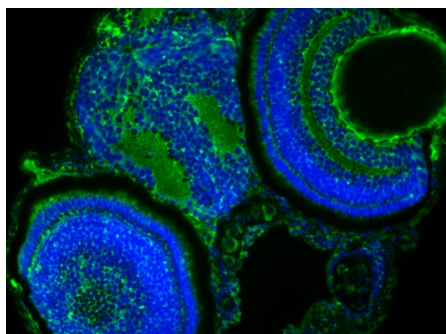


Fig2: IF staining of SARS2 in Zebrafish tissue(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

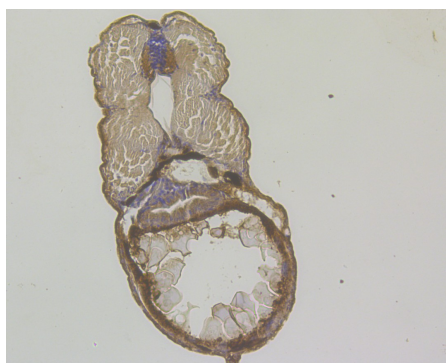


Fig3: Immunohistochemical analysis of paraffin-embedded Zebrafish tissue using anti-SARS2 antibody. Counter stained with hematoxylin.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Gaudet P et al. Phylogenetic-based propagation of functional annotations within the Gene Ontology consortium. *Brief. Bioinformatics* 12:449-462 (2011).

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

华安生物
HUABIO
www.huabio.cn