

Datasheet for ABIN2790888
anti-YARS2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | YARS2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This YARS2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | The immunogen is a synthetic peptide directed towards the C-terminal region of Human YARS2 |
| Sequence: | QPDDSVRYL KLFTFLPLPE IDHIMQLHVK EPERRGPQKR LAAEVTCLVH |
| Predicted Reactivity: | Cow: 93%, Dog: 86%, Guinea Pig: 86%, Horse: 85%, Human: 100%, Mouse: 79%, Pig: 93%, Rabbit: 79%, Rat: 86% |
| Characteristics: | This is a rabbit polyclonal antibody against YARS2. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | YARS2 |
| Alternative Name: | YARS2 (YARS2 Products) |

Target Details

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).

Alias Symbols: MLASA2, MT-TYRRS, TYRRS

Protein Interaction Partner: FAM9B, UBC, BMI1, DDRGK1, CAND1, CUL3, Ybx1, ICT1, USP49, CDC20,

Protein Size: 477

Molecular Weight: 52 kDa

Gene ID: 51067

NCBI Accession: [NM_001040436](#), [NP_001035526](#)

UniProt: [Q9Y2Z4](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 477 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

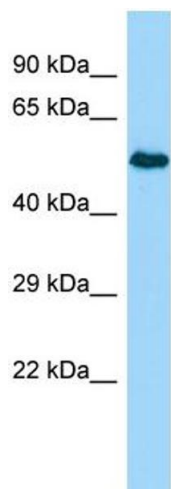
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: YARS2 Sample Type: MCF7 Whole Cell lysates Antibody Dilution: 1.0ug/ml