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Datasheet for ABIN360199
anti-CARS2 antibody (C-Term)

1 Image

Overview

Quantity:	0.4 mL
Target:	CARS2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARS2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-term region of human CARS2.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CRAS2.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	CARS2
Alternative Name:	CARS2 (CARS2 Products)
Background:	CARS is a class 2 aminoacyl-tRNA synthetase, cysteinyl-tRNA synthetase. Each of the twenty

Target Details

aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. It catalyzes the chemical reaction: $\text{ATP} + \text{L-cysteine} + \text{tRNA(Cys)} = \text{AMP} + \text{diphosphate} + \text{L-cysteinyl-tRNA(Cys)}$. Synonyms: Probable cysteinyl-tRNA synthetase mitochondrial, cysteinyl-tRNA synthetase

Gene ID: 79587, 9606

UniProt: [Q9HA77](#)

Application Details

Application Notes: ELISA: 1/1,000. Immunohistochemistry: 1/10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

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 freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

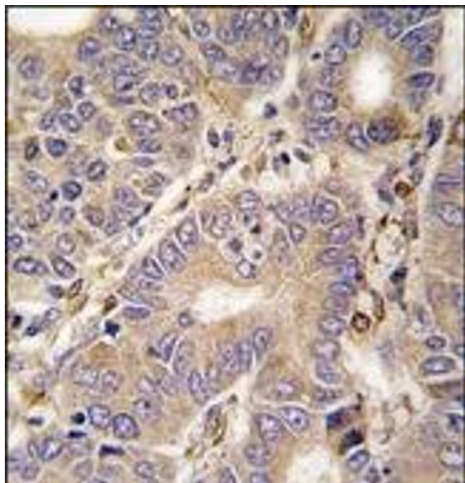


Image 1.