

Product datasheet for **AP14683PU-N**

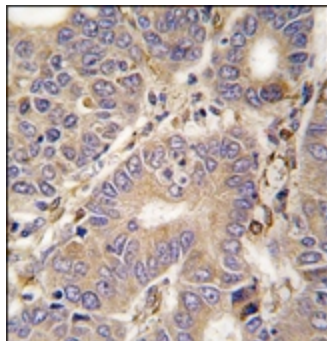
CARS2 (C-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | ELISA: 1/1,000. Immunohistochemistry: 1/10 - 1/50. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-term region of human CARS2. |
| Specificity: | This antibody reacts to CRAS2. |
| Formulation: | PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig |
| Concentration: | lot specific |
| Purification: | Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | cysteinyI-tRNA synthetase 2, mitochondrial (putative) |
| Database Link: | Entrez Gene 79587 Human Q9HA77 |
| Background: | CARS is a class 2 aminoacyl-tRNA synthetase, cysteinyI-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. It catalyzes the chemical reaction: ATP + L-cysteine + tRNA(Cys) = AMP + diphosphate + L-cysteinyI-tRNA(Cys). |
| Synonyms: | cysteinyI-tRNA synthetase |



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Product images:

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CARS2 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.