

CR025 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP11006c

Specification

CR025 Antibody (Center) - Product Information

Application WB, IHC-P,E **Primary Accession** 096B23

Other Accession Q8BH50, NP 659492.1, NP 001008240.1

Human, Mouse Reactivity

Host **Rabbit Polyclonal** Clonality Isotype Rabbit IgG 43395

Calculated MW Antigen Region 163-191

CR025 Antibody (Center) - Additional Information

Gene ID 147339

Other Names

Uncharacterized protein C18orf25, C18orf25

Target/Specificity

This CR025 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-191 amino acids from the Central region of human CR025.

Dilution

WB~~1:1000 IHC-P~~1:50~100

 $E\sim\sim$ Use at an assay dependent concentration.

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

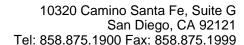
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CR025 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CR025 Antibody (Center) - Protein Information

Name ARK2N (HGNC:28172)





Function AMPK substrate important for exercise capacity and skeletal muscle function. Required for normal contraction-induced signaling.

Cellular Location Nucleus.

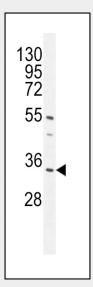
Tissue LocationExpressed in skeletal muscle.

CR025 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

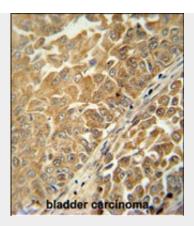
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CR025 Antibody (Center) - Images



CR025 Antibody (Center) (Cat. #AP11006c) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the CR025 antibody detected the CR025 protein (arrow).





CR025 antibody (Center) (Cat. #AP11006c) immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CR025 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

CR025 Antibody (Center) - Background

The exact function of C18orf25 remains unknown. There are two named isoforms.

CR025 Antibody (Center) - References

Trynka, G., et al. Gut 58(8):1078-1083(2009)
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Pickard, B.S., et al. Psychiatr. Genet. 15(1):37-44(2005)