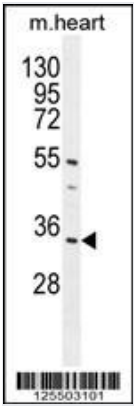
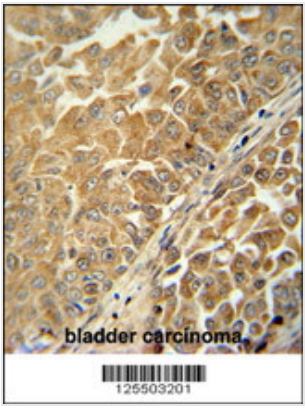
CR025 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CR025, Polyclonal Antibody
Full Product Name	CR025, ID (C18orf25, Uncharacterized protein C18orf25) (Azide free) (HRP)
Product Gene Name	anti-CR025 antibody
Product Synonym Gene Name	C18orf25
Product Synonym Names	C18orf25; Uncharacterized protein C18orf25
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
3D Structure	ModBase 3D Structure for Q96B23
Immunogen	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.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-CR025 antibody	Antibodies; KIAA; orf
Applications Tested/Suitable for anti-CR025 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-CR025 antibody	IHC: 1:50-100 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-CR025 antibody	MBS6288553 is an antibody targeting CR025. Also known as CR025, ID (C18orf25, Uncharacterized protein C18orf25) (Azide free) (HRP). Reactive in Human, Mouse. Host: Rabbit. The exact function of C18orf25 remains unknown. There are two named isoforms.
Product References and Citations for anti-CR025 antibody	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). Olsen, J.V., et al. Cell 127(3):635-648(2006). Pickard, B.S., et al. Psychiatr. Genet. 15(1):37-44(2005).
Other Notes	Small volumes of anti-CR025 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CR025 antibody
CR025 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the CR025 antibody detected the CR025 protein (arrow).



Immunohistochemistry (IHC) of anti-CR025 antibody
CR025 antibody (Center) 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CR025. It may not necessarily be applicable to this product.

NCBI GI #	21450814
NCBI GeneID	147339
NCBI Accession #	NP_659492.1
NCBI Related Accession #	NP_001008240.1
UniProt Primary Accession #	Q96B23
UniProt Related Accession #	Q96B23
GenBank Nucleotide #	NP_659492.1
NCBI Official Full Name	uncharacterized protein C18orf25 isoform a
NCBI Official Synonym Full Names	chromosome 18 open reading frame 25
NCBI Official Symbol	C18orf25
NCBI Official Synonym Symbols	ARKL1; Ark2N; RNF111L1
UniProt Protein Name	Uncharacterized protein C18orf25
UniProt Gene Name	C18orf25
UniProt Entry Name	CR025_HUMAN
NCBI Protein Information	uncharacterized protein C18orf25
Research Articles on CR025	**1.** ARKL1 binds CK2beta through the KSSR motif and this involves a polyserine sequence resembling the CK2beta binding sequence in EBNA1.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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