

ARMC3 (Cancer/testis antigen 81) Rabbit pAb

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Catalog # AP58812

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5W041
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96405
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ARMC3 (Cancer/testis antigen 81)
Epitope Specificity	752-840/872
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ARMC3 contains 12 ARM repeats. ARM (Armadillo/beta-catenin-like) domains are imperfect 45-amino acid repeats involved in protein-protein interactions. ARM domain-containing proteins, such as ARMC3, function in signal transduction, development, cell adhesion and mobility, and tumor initiation and metastasis. The specific function of ARMC3 is not yet known.

Additional Information

Gene ID	219681
Other Names	Armadillo repeat-containing protein 3, Beta-catenin-like protein, Cancer/testis antigen 81, CT81, KU-CT-1, ARMC3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ARMC3
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Function	Essential for male fertility and sperm motility (By similarity). During spermatogenesis, promotes the autophagic degradation of excessive ribosomes, providing energy resources for mitochondria and thus ensuring sperm flagellar motility (PubMed: 34428398).
Tissue Location	[Isoform 1]: Expressed in skeletal muscle, brain, lung, kidney, prostate and testis. [Isoform 5]: Expressed only in the testis among normal tissues but is expressed frequently in various cancer tissues and, particularly, in pancreatic, lung and endometrial cancers

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.