

Rabbit anti-Human KRT7 Polyclonal Antibody | anti-KRT7 antibody

KRT7 Antibody

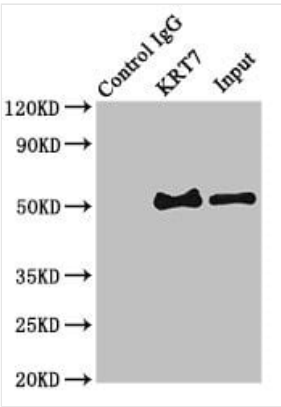
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232559	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

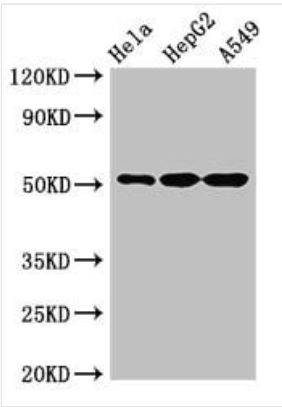
KRT7; Polyclonal Antibody; KRT7 Antibody; Keratin; type II cytoskeletal 7; Cytokeratin-7; CK-7; Keratin-7; K7; Sarcolectin; Type-II keratin Kb7; SCL; anti-KRT7 antibody

PRODUCT SPECIFICATIONS

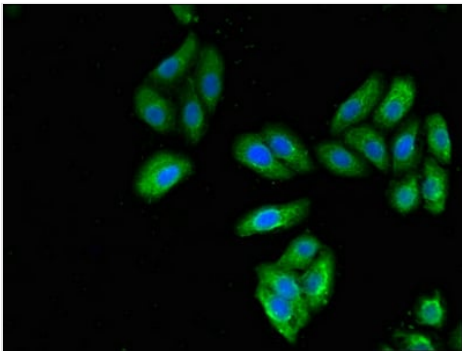
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	469
Applicable Applications for anti-KRT7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Keratin, type II cytoskeletal 7 protein (2-469AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17116 / sc-17118 / sc-25721
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



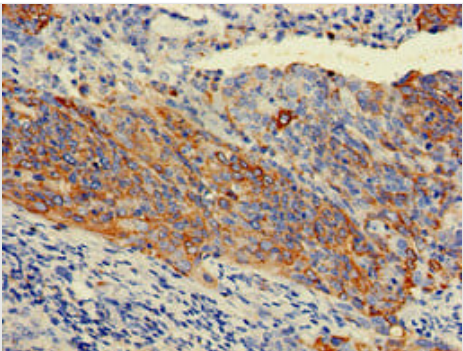
IP (Immunoprecipitation)
Immunoprecipitating KRT7 in HepG2 whole cell lysateLane 1: Rabbit monoclonal IgG (1ug)instead of AAA232559 in HepG2 whole cell lysate. For western blotting,a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)Lane 2: AAA232559 (8ug)+ HepG2 whole cell lysate (500ug)Lane 3: HepG2 whole cell lysate (10ug)



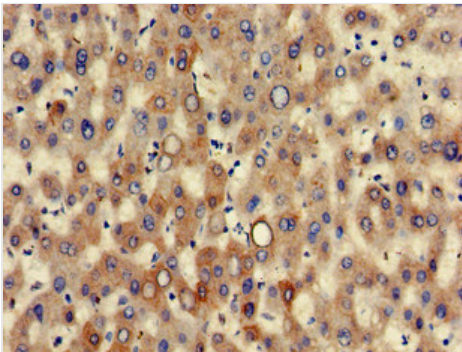
WB (Western Blot)
Western BlotPositive WB detected in: Hela whole cell lysate,HepG2 whole cell lysate,A549 whole cell lysateAll lanes: KRT7 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 52 KDaObserved band size: 52 KDa



IHC (Immunohistochemisry)
Immunofluorescent analysis of HepG2 cells using AAA232559 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human cervical cancer using AAA232559 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA232559 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody	Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67782365
NCBI GeneID	3855

NCBI Accession #	NP_005547.3
NCBI GenBank Nucleotide #	NM_005556.3
UniProt Accession #	P08729; Q92676; Q9BUD8; Q9Y3R7
Molecular Weight	51,386 Da
NCBI Official Full Name	keratin, type II cytoskeletal 7
NCBI Official Synonym Full Names	keratin 7
NCBI Official Symbol	KRT7
NCBI Official Synonym Symbols	K7; CK7; SCL; K2C7
NCBI Protein Information	keratin, type II cytoskeletal 7
UniProt Protein Name	Keratin, type II cytoskeletal 7
UniProt Gene Name	KRT7
UniProt Synonym Gene Names	SCL; CK-7; K7
UniProt Entry Name	K2C7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/krt7-antibody-immunofluorescence-immunohistochemistry-elisa/232559>