

Rabbit anti-Human, Mouse Cul7 Polyclonal Antibody | anti-Cul7 antibody

Rabbit anti-Cul7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210826	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Cul7; Polyclonal Antibody; Rabbit anti-Cul7 Antibody; Affinity Purified; CUL-7; cullin-7; dJ20C7.5; KIAA0076; 3M1; Cullin-7; cullin 7; anti-Cul7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Cul7 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 1500 and 1550
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Cul7 by western blot. Samples: Whole cell lysate (50 ug) from Hep-G2, HEK293T, HeLa, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Cul7 antibody AAA210826 (lot AAA210826-4) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Cul7 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Cul7 antibody AAA210826 (lot AAA210826-4) used for IP at 6 ug per reaction. Cul7 was also immunoprecipitated by a previous lot of this antibody (lot AAA210826-3) and rabbit anti-Cul7 antibody For blotting immunoprecipitated Cul7, AAA210826 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-Cul7 antibody

Cul7 is a member of the cullin group of proteins and functions as a scaffold to bring together ubiquitin E3 ligases, E2 conjugating enzyme, and substrate proteins to mediate the ubiquitination of substrate proteins. Cul7 has been found to play an essential role in intrauterine growth and development. Cul7 has also been shown to play a role in cell growth through its antagonizing interaction with p53. Alternative names for Cul7 include cullin-7, CUL-7, and KIAA0076.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41872646
NCBI GeneID	9820
NCBI Accession #	NP_055595.2
NCBI GenBank Nucleotide #	NM_014780.4
UniProt Accession #	Q14999; Q5T654; B4DYZ0; F5H0L1
Molecular Weight	199,750 Da
NCBI Official Full Name	cullin-7 isoform 2
NCBI Official Synonym Full Names	cullin 7
NCBI Official Symbol	CUL7
NCBI Official Synonym Symbols	3M1; KIAA0076; dJ20C7.5
NCBI Protein Information	cullin-7; CUL-7
UniProt Protein Name	Cullin-7
UniProt Gene Name	CUL7
UniProt Synonym Gene Names	KIAA0076; CUL-7
UniProt Entry Name	CUL7_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.