

Rabbit anti-Human Cullin 3 Monoclonal Antibody | anti-CUL3 antibody

Cullin 3 Rabbit mAb

CATALOG # AAA282768	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Cullin 3; Monoclonal Antibody; Cullin 3 Rabbit mAb; CUL-3; PHA2E; NEDAUS; anti-CUL3 antibody

PRODUCT SPECIFICATIONS

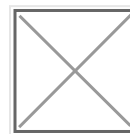
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LHRVKIQTVAKQGSDPERKETRQKVDDD RKHEIEAAIV RIMKSRKKMQ HNVLVAEVTQ QLKARFLPSP VVIKKRIEGL IEREYLARTP EDRKVITYVA
Applicable Applications for anti-CUL3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 669-768 of human Cullin 3 (Q13618).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



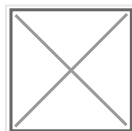
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using Cullin 3 Rabbit mAb (AAA282768) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



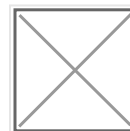
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Cullin 3 Rabbit mAb (AAA282768) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Cullin 3 Rabbit mAb (AAA282768) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using Cullin 3 Rabbit mAb (AAA282768) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-CUL3 antibody	This gene encodes a member of the cullin protein family. The encoded protein plays a critical role in the polyubiquitination and subsequent degradation of specific protein substrates as the core component and scaffold protein of an E3 ubiquitin ligase complex. Complexes including the encoded protein may also play a role in late endosome maturation. Mutations in this gene are a cause of type 2E pseudohypoaldosteronism. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Product Categories/Family for anti-CUL3 antibody	Cancer; Cell Biology Developmental Biology; Apoptosis; Cell Cycle; Cell cycle inhibitors; Ubiquitin; Ubiquitin-Proteasome Signaling Pathway; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643396
NCBI GeneID	8452
UniProt Accession #	Q13618; O75415; Q569L3; Q9UBI8; Q9UET7; A8K536; B8ZZC3
Molecular Weight	Calculated MW: 89kDa Observed MW: 89kDa
UniProt Protein Name	Cullin-3
UniProt Gene Name	CUL3
UniProt Synonym Gene Names	KIAA0617; CUL-3
UniProt Entry Name	CUL3_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/monoclonal/cullin-3-antibody-immunohistochemistry-western-blot-elisa/282768>