

CUL9 / Cullin 9 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11704**Specification****CUL9 / Cullin 9 Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	Q8IWT3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	281kDa KDa

CUL9 / Cullin 9 Antibody (C-Terminus) - Additional Information**Gene ID** 23113**Other Names**

Cullin-9, CUL-9, Ubch7-associated protein 1, p53-associated parkin-like cytoplasmic protein, CUL9, H7AP1, KIAA0708, PARC

Target/Specificity

17 amino acid peptide from near the carboxy terminus of human PARC

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

CUL9 / Cullin 9 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CUL9 / Cullin 9 Antibody (C-Terminus) - Protein Information**Name** CUL9**Synonyms** H7AP1, KIAA0708, PARC**Function**

Core component of a Cul9-RING ubiquitin-protein ligase complex composed of CUL9 and RBX1 (PubMed:38605244). The CUL9-RBX1 complex mediates ubiquitination and subsequent degradation of BIRC5 and is required to maintain microtubule dynamics and genome integrity. Acts downstream of the 3M complex, which inhibits the ubiquitination of BIRC5 (PubMed:24793696). The CUL9-RBX1 complex also mediates mono- ubiquitination of p53/TP53 (PubMed:38605244). Acts as a cytoplasmic anchor protein in p53/TP53-associated protein complex. Regulates the subcellular localization of p53/TP53 and its subsequent function (PubMed:38605244).

href="http://www.uniprot.org/citations/12526791" target="_blank">12526791, PubMed:17332328). Ubiquitinates apurinic/aprimidinic endodeoxyribonuclease APEX2 (PubMed:38605244). Ubiquitination by the CUL9-RBX1 complex is predominantly mediated by E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2D2 (PubMed:38605244).

Cellular Location

Cytoplasm.

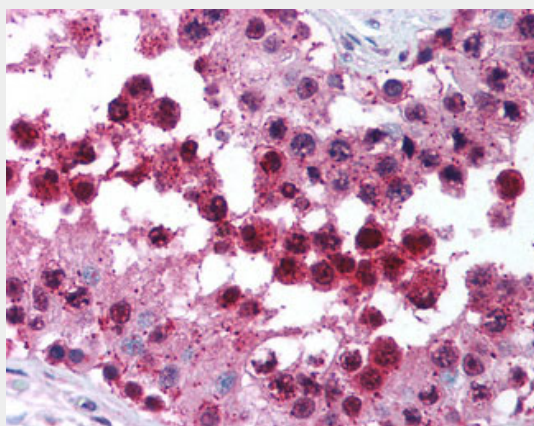
Tissue Location

Ubiquitously expressed in all tissues with highest expression in testis brain and kidney.

CUL9 / Cullin 9 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CUL9 / Cullin 9 Antibody (C-Terminus) - Images

Anti-CUL9 / Cullin 9 antibody IHC of human testis.

CUL9 / Cullin 9 Antibody (C-Terminus) - Background

Core component of a Cul9-RING ubiquitin-protein ligase complex, a complex that mediates ubiquitination and subsequent degradation of BIRC5 and is required to maintain microtubule dynamics and genome integrity. Acts downstream of the 3M complex, which inhibits CUL9 activity, leading to prevent ubiquitination of BIRC5 (PubMed:24793696). Cytoplasmic anchor protein in p53/TP53-associated protein complex. Regulates the subcellular localization of p53/TP53 and subsequent function (PubMed:12526791, PubMed:17332328).

CUL9 / Cullin 9 Antibody (C-Terminus) - References

Nikolaev A.Y.,et al.Cell 112:29-40(2003).
Rose S.A.,et al.Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.