Product Datasheet

CUL4A antibody

Catalog No: #38477

Package Size: #38477-1 50ul #38477-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CUL4A antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total CUL4A protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human CUL4A.
Conjugates	Unconjugated
Target Name	CUL4A
Accession No.	Swiss-Prot#: Q13619NCBI Gene ID: 8451
SDS-PAGE MW	88kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

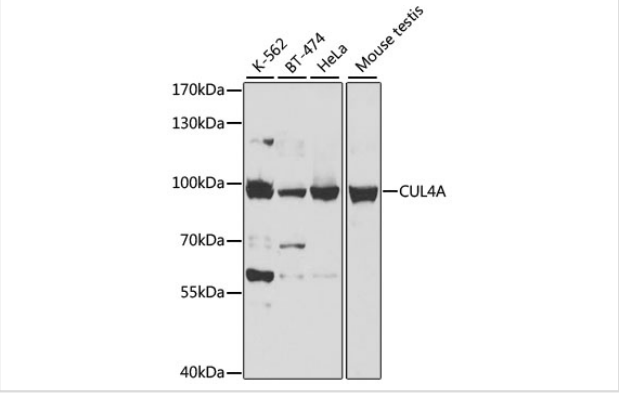
Application Details

Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using CUL4A antibody at 1:500 dilution.

Background

CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins.Core component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. As a scaffold protein may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. The E3 ubiquitin-protein ligase activity of the complex is dependent on the neddylation of the cullin subunit and is inhibited by the association of the deneddylated cullin subunit with TIP120A/CAND1. The functional specificity of the E3 ubiquitin-protein ligase complex depends on the variable substrate recognition component. DCX(DET1-COP1) directs ubiquitination of JUN. DCX(DDB2) directs ubiquitination of XPC.

Published Papers

Ye Liuqi;Lin Danlei;Zhang Wen;Chen Shiji;Zhen Yumiao;Akkouche Sara;Liang Xiaoxu;Chong Cheong-Meng;Zhong Hai-Jing; el at., AMBRA1 drives gastric cancer progression through regulation of tumor plasticity, , (2024)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.