

UBCE7IP4 Polyclonal Antibody
Catalog # AP72979**Specification****UBCE7IP4 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	P50876
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

UBCE7IP4 Polyclonal Antibody - Additional Information**Gene ID** 9781**Other Names**

RNF144A; KIAA0161; RNF144; UBCE7IP4; Probable E3 ubiquitin-protein ligase RNF144A; RING finger protein 144A; UbcM4-interacting protein 4; Ubiquitin-conjugating enzyme 7-interacting protein 4

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

UBCE7IP4 Polyclonal Antibody - Protein Information**Name** RNF144A**Synonyms** KIAA0161, RNF144, UBCE7IP4**Function**

E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates (PubMed:26216882). Mediates the ubiquitination and degradation of the DNA damage kinase PRKDC during DNA damage (PubMed:24979766). Positively regulates DNA virus or exogenous cytosolic DNA-triggered innate immune response by mediating STING1 ubiquitination and increasing its 'Lys-6'-linked ubiquitination and translocation from the endoplasmic reticulum to the Golgi leading to downstream signaling pathways (PubMed:37955227). Plays a positive role in EGF-dependent cell proliferation by prolonging EGF/EGFR signaling during EGF stimulation through EGFR ubiquitination (PubMed:37955227).

<http://www.uniprot.org/citations/30171075> target="_blank">30171075). Increases ERK activity independently of EGFR signaling by promoting polyubiquitination and subsequent degradation of VRK3 in the cytosol (PubMed:33067254).

Cellular Location

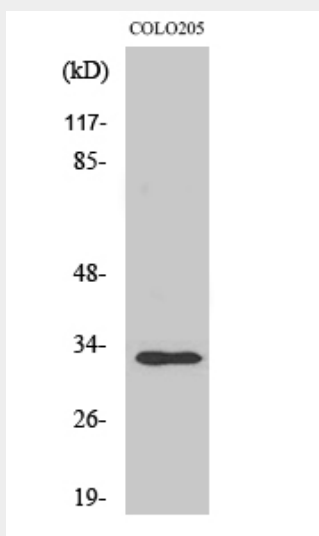
Cell membrane; Single-pass membrane protein. Cytoplasmic vesicle membrane. Endosome membrane. Endoplasmic reticulum membrane

UBCE7IP4 Polyclonal Antibody - Protocols

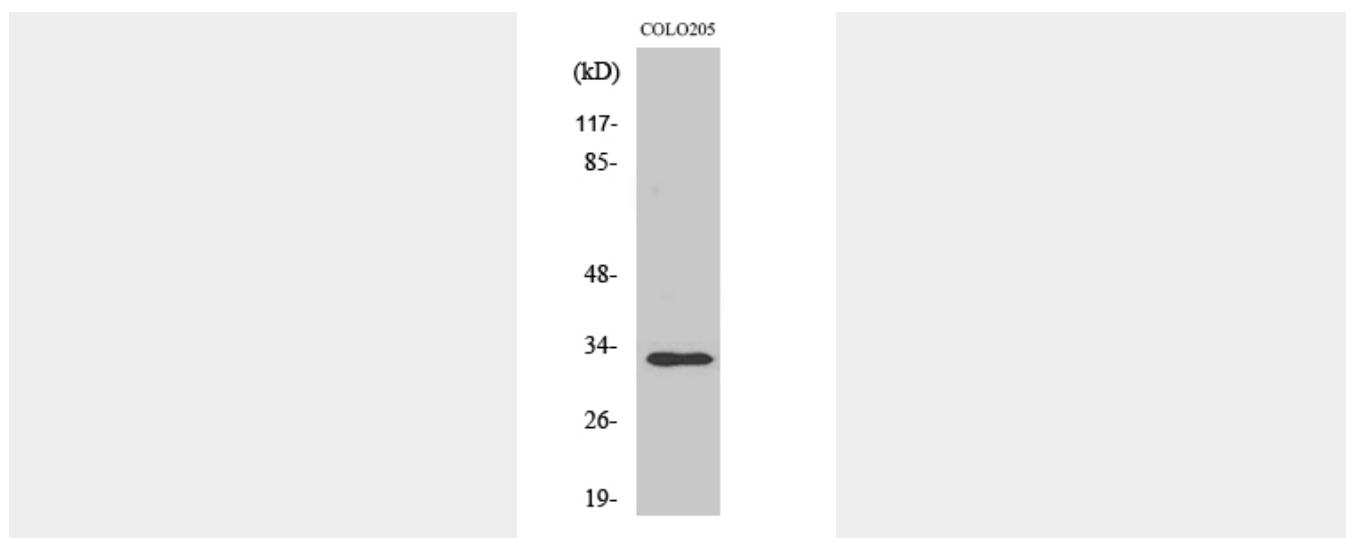
Provided below are standard protocols that you may find useful for product applications.

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

UBCE7IP4 Polyclonal Antibody - Images



Western Blot analysis of various cells using UBCE7IP4 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of various cells using UBCE7IP4 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

UBCE7IP4 Polyclonal Antibody - Background

E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates the ubiquitination and degradation of the DNA damage kinase PRKDC.