

UBE4A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51599

Product Information

Application	WB
Primary Accession	Q14139
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	122561

Additional Information

Gene ID	9354
Other Names	Ubiquitin conjugation factor E4 A, 632-, UBE4A (HGNC:12499)
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human UBE4A. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	UBE4A (HGNC:12499)
Function	Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases. May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase. Mediates 'Lys-48'-linked polyubiquitination of substrates.
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:E9Q735}.

Background

Binds to the ubiquitin moieties of preformed conjugates and catalyzes ubiquitin chain assembly in conjunction with E1, E2, and E3 (By similarity).

References

- Nagase T.,et al.DNA Res. 2:167-174(1995).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).
Choudhary C.,et al.Science 325:834-840(2009).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

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