



Cdc34 Polyclonal Antibody

Catalog No	YP-Ab-16790
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CDC34
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CDC34. AA range:121-170
Specificity	Cdc34 Polyclonal Antibody detects endogenous levels of Cdc34 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	(E3-independent) E2 ubiquitin-conjugating enzyme R1;E2 CDC34;E2 ubiquitin-conjugating enzyme R1;EC:2.3.2.23;EC:2.3.2.24;Cdc34;Ubiquitin-conjugating enzyme E2 R1;UBCH3;UBE2R1;Ubiquitin-conjugating enzyme E2-32 kDa complementing;Ubiquitin-conjugating enzyme E2-CDC34;Ubiquitin-protein ligase R1
Observed Band	34kD
Calculated Molecular Weight	34kD
Cell Pathway	Cytoplasm. Nucleus. The phosphorylation of the C-terminal tail plays an important role in mediating nuclear localization. Colocalizes with beta-tubulin on mitotic spindles in anaphase.
Tissue Specificity	Expressed in testes during spermatogenesis to regulate repression of cAMP-induced transcription.
Function	catalytic activity:ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiquityllysine.,function:Catalyzes the covalent attachment of ubiquitin to other proteins. May be involved in degradation of katenin.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the ubiquitin-conjugating enzyme family.,subunit:Interacts with SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complex. When phosphorylated, interacts with beta-



TrCP (BTRC).,

Background

The protein encoded by this gene is a member of the ubiquitin-conjugating enzyme family. Ubiquitin-conjugating enzyme catalyzes the covalent attachment of ubiquitin to other proteins. This protein is a part of the large multiprotein complex, which is required for ubiquitin-mediated degradation of cell cycle G1 regulators, and for the initiation of DNA replication. [provided by RefSeq, Jul 2008],

matters needing attention

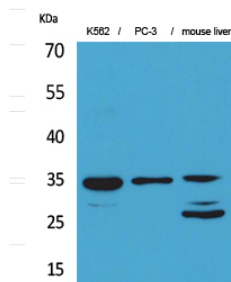
Avoid repeated freezing and thawing!

Usage suggestions

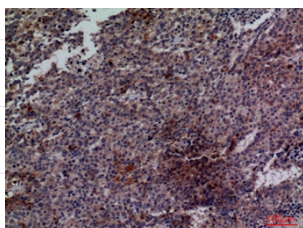
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



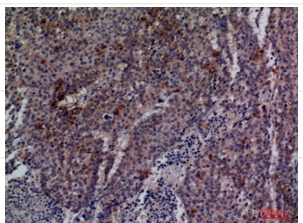
Products Images



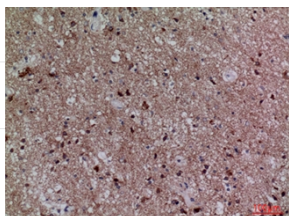
Western Blot analysis of K562, PC-3, mouse liver cells using Cdc34 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100



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Western blot analysis of lysate from K562 cells, using CDC34 Antibody.