

Datasheet for ABIN2792175
anti-CDC34 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CDC34
Binding Specificity:	Middle Region
Reactivity:	Rat, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC34 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CDC34
Sequence:	TLAEYCVKTK APAPDEGSDL FYDDYYEDGE VEEEADSCFG DDEDDSGTEE
Predicted Reactivity:	Cow: 100%, Dog: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against CDC34. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CDC34
Alternative Name:	CDC34 (CDC34 Products)

Target Details

Background:	<p>CDC34 catalyzes the covalent attachment of ubiquitin to other proteins. CDC34 may be involved in degradation of katenin. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: E2-CDC34, UBC3, UBE2R1, UBCH3</p> <p>Protein Interaction Partner: FBXW11, UBC, RBX1, SIAH1, SDCBP, PPARG, ZNRF1, FBXW7, BTRC, UBA1, CDC34, HIST1H2BA, UBI4, MARCH1, MARCH2, GNPDA1, USP5, WARS, RAD23A, ANAPC11, ING4, FBXL2, Rag1, FBXO32, ITCH, NEDD4L, WWP2, TRIM28, RNF7, CUL1, CUL3, VHL, TRIM21, SKP2, CDKN1B, CCNE1, ZFAND</p> <p>Protein Size: 236</p>
Molecular Weight:	27 kDa
Gene ID:	997
NCBI Accession:	NM_004359 , NP_004350
UniProt:	P49427

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 236 AA
Restrictions:	For Research Use only

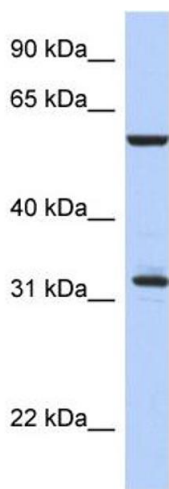
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

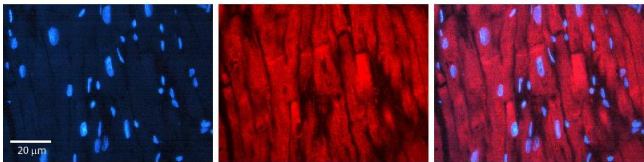
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CDC34 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Thymus



Immunohistochemistry

Image 2. Rabbit Anti-CDC34 Antibody AV Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic near intercalated discs Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec