



DTL rabbit pAb

Cat No.:ES11892

For research use only

Overview

Product Name	DTL rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DTL Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Denticleless protein homolog (DDB1- and CUL4-associated factor 2) (Lethal(2) denticleless protein homolog) (Retinoic acid-regulated nuclear matrix-associated protein)
Gene Name	DTL CDT2 CDW1 DCAF2 L2DTL RAMP
Cellular localization	Nucleus . Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Chromosome. Nuclear matrix-associated protein. Translocates from the interphase nucleus to the metaphase cytoplasm during mitosis.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	80kD
Human Gene ID	51514
Human Swiss-Prot Number	Q9NZJ0
Alternative Names	





Background

developmental stage: Expressed in all fetal tissues examined, included brain, lung, liver, and kidney., function: Required for CDT1 proteolysis in response to DNA damage through the CUL4-DDB1 E3 ubiquitin-protein ligase. Seems to be necessary to ensure proper cell cycle regulation of DNA replication. May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. May play a role in cell proliferation of NT2 embryonal carcinoma cells., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Belongs to the WD repeat cdt2 family., similarity: Contains 7 WD repeats., subcellular location: Nuclear matrix-associated protein. Translocates from the interphase nucleus to the metaphase cytoplasm during mitosis., subunit: Probable part of a cullin-RING E3 protein ligase complex containing CUL4B-DDB1 and a substrate-recruiting component (DCAF). Interacts with CUL4B and DDB1., tissue specificity: Expressed in placenta and testis, very low expression seen in skeletal muscle. Detected in all hematopoietic tissues examined, with highest expression in thymus and bone marrow. A low level detected in the spleen and lymph node, and barely detectable level in the peripheral leukocytes. RA treatment down-regulated the expression in NT2 cell.,

