

DTL Polyclonal Antibody

Cat No: HR1AP13003

For research use only

Overview

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| Product Name | DTL Polyclonal Antibody |
| Source | Rabbit |
| Applications | WB,ELISA |
| Species Reactivity | Human,Mouse |
| Recommended Dilutions | |
| Immunogen | |
| Species | Rabbit |
| Storage | -20°C/1 year |
| Isotype | |
| Clonality | |
| Concentration | 1 mg/ml |
| Observed band | 80kDa |
| GeneID?Human? | DTL CDT2 CDW1 DCAF2 L2DTL RAMP |
| Human Swiss-Prot No. | |
| Cellular localization | |
| Alternative Names | |
| Background | <p>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.,</p> |