

CYLD Polyclonal Antibody

Catalog NumberPA5-18688

Product data sheet

| Details | | Species Reactivity | |
|--------------------|--|--|---------------|
| Size | 100 µg | Species reactivity | Mouse, Rat |
| Host/Isotope | Goat / IgG | Tested Applications | Dilution * |
| Class | Polyclonal | | |
| Type | Antibody | | |
| Immunogen | Synthetic peptide sequence (DSQQSKSKNPWYIDE) corresponding to the internal amino acids of Cyld | Immunohistochemistry (Paraffin) (IHC (P)) | 5 µg/mL |
| Conjugate | Unconjugated | Western Blot (WB) | 0.5-1.5 µg/mL |
| Form | Liquid | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Concentration | 0.5 mg/mL | | |
| Purification | Ammonium sulfate precipitation | | |
| Storage buffer | TBS, pH 7.3, with 0.5% BSA | | |
| Contains | 0.02% sodium azide | | |
| Storage Conditions | -20° C, Avoid Freeze/Thaw Cycles | | |

Product specific information

This antibody is tested in Peptide ELISA: antibody detection limit dilution 32,000.

Background/Target Information

CYLD is a 956 aa, cytoplasmic, deubiquitinating enzyme belonging to the ubiquitin carboxy-terminal hydrolases (UCH) family of proteins with three cytoskeletal-associated protein-glycine-conserved (CAP-GLY) domains, a proline rich region, a SH3 binding domain and a sequence homology to catalytic domain of UCH. CYLD is identified as a tumor suppressor protein affecting the JNK signaling pathway. CYLD is a negative regulator of TRAF2 and NF-kappa-B signaling pathway and is also known to have receptor-dependent role in regulating the I-kappa-B kinase pathway. It also has a deubiquitinating activity that is directed towards non-Lys-48-linked polyubiquitin chains and TRAP1 is a novel substrate for deubiquitination. Mutated CYLD is known to be associated with cylindromatosis, multiple familial trichoepithelioma, and Brooke-Spiegler syndrome.

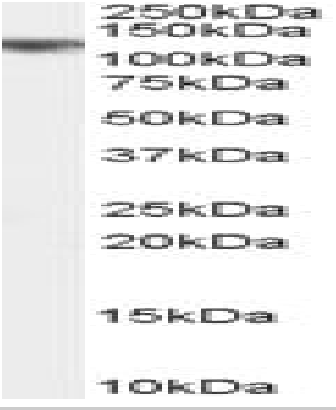
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Product Images For CYLD Polyclonal Antibody



CYLD Antibody (PA5-18688) in WB
Western blot analysis of CYLD using CYLD Polyclonal Antibody (Product # PA5-18688) (0.5 µg/mL) in staining of Rat Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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