CYLD (Phospho Ser418) Rabbit pAb

CatalogNo: YP1308 **Orthogonal Validated**

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB

MW
- 105kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized phosho peptide around human CYLD (Ser418)
Specificity	This antibody detects endogenous levels of Human CYLD (phospho-Ser418)

Target Information

Gene name CYLD CYLD1 KIAA0849 HSPC057

Protein Name Ubiquitin carboxyl-terminal hydrolase CYLD

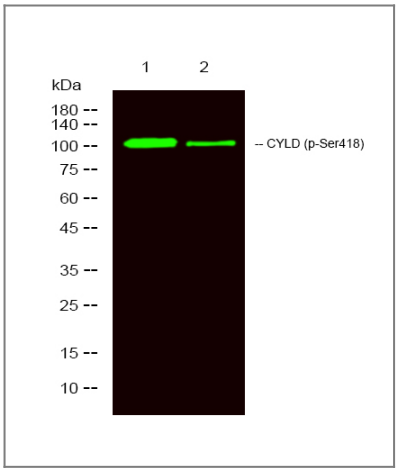
Organism	Gene ID	UniProt ID
Human	1540;	Q9NQC7;
Mouse	74256;	Q80TQ2;
Rat	312937;	Q66H62;

Cellular Localization Cytoplasm . Cytoplasm, perinuclear region. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, cilium basal body . Detected at the microtubule cytoskeleton during interphase. Detected at the midbody during telophase. During metaphase, it remains localized to the centrosome but is also present along the spindle (PubMed:25134987). .

Tissue specificity Detected in fetal brain, testis, and skeletal muscle, and at a lower level in adult brain, leukocytes, liver, heart, kidney, spleen, ovary and lung. Isoform 2 is found in all tissues except kidney.

Function Catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,Disease:Defects in CYLD are the cause of Brooke-Spiegler syndrome (BRSS) [MIM:605041]. BRSS is an autosomal dominant disorder characterized by the appearance of multiple skin appendage tumors such as cylindroma, trichoepithelioma, and spiradenoma. These tumors are typically located in the head and neck region, appear in early adulthood, and gradually increase in size and number throughout life.,Disease:Defects in CYLD are the cause of familial cylindromatosis [MIM:132700]; also known as Ancell-Spiegler cylindromas or turban tumor syndrome or dermal eccrine cylindromatosis. CYLD is an autosomal dominant and highly tumor type-specific disorder. The tumors (known as cylindromas because of their characteristic microscopic architecture) are believed to arise from or recapitulate the appearance of the eccrine or apocrine cells of the skin that secrete sweat and scent respectively. Cylindromas arise predominantly in hairy parts of the body with approximately 90% on the head and neck. The development of a confluent mass which may ulcerate or become infected has led to the designation "turban tumor syndrome". The skin tumors show differentiation in the direction of hair structures, hence the synonym trichoepithelioma.,Disease:Defects in CYLD are the cause of multiple familial trichoepithelioma type 1 (MFT1) [MIM:601606]; also known as epithelioma adenoides cysticum of Brooke (EAC) or hereditary multiple benign cystic epithelioma or Brooke-Fordyce trichoepitheliomas. MFT1 is an autosomal dominant dermatosis characterized by the presence of many skin tumors predominantly on the face. Since histologic examination shows dermal aggregates of basaloid cells with connection to or differentiation toward hair follicles, this disorder has been thought to represent a benign hamartoma of the pilosebaceous apparatus. Trichoepitheliomas can degenerate into basal cell carcinoma.,Function:Negative regulator of TRAF2 and NF-kappa-B signaling pathway. Has deubiquitinating activity that is directed towards non-'Lys-48'-linked polyubiquitin chains. The inhibition of NF-kappa-B activation is mediated at least in part, by the deubiquitination and inactivation of TRAF2 and, to a lesser extent, TRAF6.,similarity:Belongs to the peptidase C67 family.,similarity:Contains 2 CAP-Gly domains.,subunit:Interacts with NEMO, TRAF2 and TRIP.,tissue specificity:Detected in fetal brain, testis, and skeletal muscle, and at a lower level in adult brain, leukocytes, liver, heart, kidney, spleen, ovary and lung. Isoform 2 is found in all tissues except kidney.,

Validation Data



Western Blot analysis of 1 A431 treated with LPS, 2 A431,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

Contact information

Orders:	order.cn@immunoway.com
Support:	support.cn@immunoway.com
Telephone:	400-8787-807(China)
Website:	http://www.immunoway.com.cn
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information:
CYLD (Phospho Ser418) Rabbit pAb