

## FANCL Rabbit pAb

CatalogNo: YN0676

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 41kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

### 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.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from part region of human protein

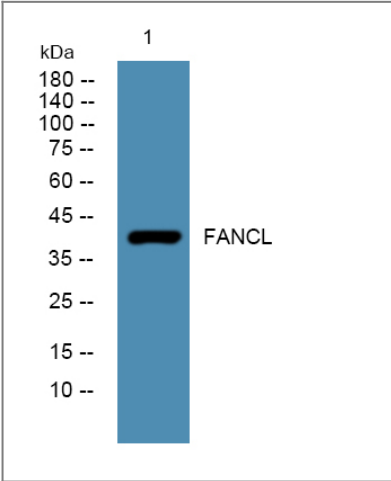
**Specificity** FANCL Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** FANCL PHF9

<b>Protein Name</b>	E3 ubiquitin-protein ligase FANCL (Fanconi anemia group L protein) (Fanconi anemia-associated polypeptide of 43 kDa) (FAAP43)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">55120</a> ;	<a href="#">Q9NW38</a> ;
	Mouse		<a href="#">Q9CR14</a> ;
<b>Cellular Localization</b>	Cytoplasm. Nucleus.		
<b>Tissue specificity</b>	Brain, Eye, Teratocarcinoma,		
<b>Function</b>	Caution: Although PubMed:12724401 reports that it contains a PHD-type zinc finger, it contains a RING-type zinc finger. Moreover, PHD-type zinc fingers do not have any ubiquitin ligase activity. Disease: Defects in FANCL are a cause of Fanconi anemia (FA) [MIM:227650]. FA is a genetically heterogeneous, autosomal recessive disorder characterized by progressive pancytopenia, a diverse assortment of congenital malformations, and a predisposition to the development of malignancies. At the cellular level it is associated with hypersensitivity to DNA-damaging agents, chromosomal instability (increased chromosome breakage), and defective DNA repair. Function: Ubiquitin ligase protein that mediates ubiquitination of FANCD2, a key step in the DNA damage pathway. May be required for proper primordial germ cell proliferation in the embryonic stage, whereas it is probably not needed for spermatogonial proliferation after birth. pathway: Protein modification; protein ubiquitination. similarity: Contains 1 RING-type zinc finger. subunit: Interacts with GGN (By similarity). Belongs to the multisubunit FA complex composed of FANCA, FANCB, FANCC, FANCE, FANCF, FANCG, FANCL/PHF9 and FANCM. The complex is not found in FA patients.		

Validation Data



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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**FANCL Rabbit pAb**

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For Research Use Only. Not for Use in Diagnostic Procedures.

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