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, 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

Protein Name E3 ubiquitin-protein ligase FANCL (Fanconi anemia group L protein) (Fanconi anemia-associated polypeptide of 43 kDa) (FAAP43)

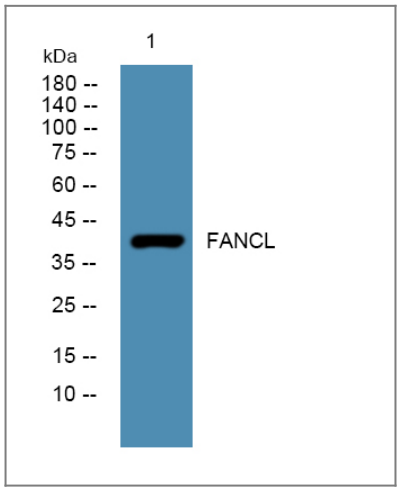
Organism	Gene ID	UniProt ID
Human	55120;	Q9NW38;
Mouse		Q9CR14;

Cellular Localization Cytoplasm. Nucleus.

Tissue specificity Brain,Eye,Teratocarcinoma,

Function 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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Please scan the QR code to access additional product information:
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