



# FANCI Rabbit pAb

<b>Catalog No</b>	YP-Ab-19434
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	FANCI KIAA1794
<b>Immunogen</b>	Synthesized peptide derived from human FANCI. AA range:678-778
<b>Specificity</b>	This antibody detects endogenous levels of FANCI at Human, Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Synonyms</b>	FANCI KIAA1794;Fanconi anemia group I protein (Protein FACL)
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	146kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm . Observed in spots localized in pairs on the sister chromatids of mitotic chromosome arms and not centromeres , one on each chromatids. These foci coincide with common fragile sites. They are frequently interlinked through BLM-associated ultra-fine DNA bridges.
<b>Tissue Specificity</b>	
<b>Function</b>	Plays an essential role in the repair of DNA double-strand breaks by homologous recombination and in the repair of interstrand DNA cross-links (ICLs) by promoting FANCD2 monoubiquitination by FANCL and participating in recruitment to DNA repair sites. Required for maintenance of chromosomal stability. Specifically binds branched DNA: binds both single-stranded DNA (ssDNA) and double-stranded DNA (dsDNA) . Participates in S phase and G2 phase checkpoint activation upon DNA damage.
<b>Background</b>	
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**