FANCG (phospho Ser383) rabbit pAb

Cat#: orb768078 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	FANCG (phospho Ser383) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human FANCG (phospho Ser383)
Specificity	Phospho-FANCG (S383) Polyclonal Antibody detects endogenous levels of FANCG protein only when phosphorylated at S383.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Fanconi anemia group G protein
Gene Name	FANCG
Cellular localization	Nucleus . Cytoplasm . The major form is nuclear. The minor form is cytoplasmic.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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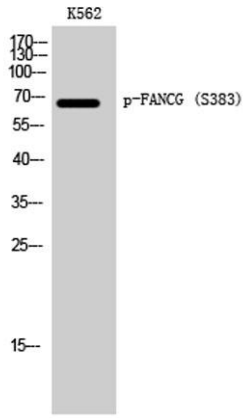
Concentration	1 mg/ml
Observed band	69kD
Human Gene ID	2189
Human Swiss-Prot Number	O15287
Alternative Names	FANCG; XRCC9; Fanconi anemia group G protein; Protein FACG; DNA repair protein XRCC9
Background	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group G. [provided by RefSeq, Jul 2008],



Western Blot analysis of K562 cells using Phospho-FANCG (S383) Polyclonal Antibody

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