Phospho-FANCA (Ser1149) Polyclonal Antibody

Catalog Number:E-AB-21288

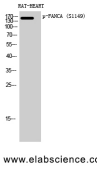
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Synthesized peptide derived from human FANCA around the phosphorylation site of Ser1149
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:300
IF	1:200-1:1000
ELISA	1:5000

Data



Western Blot analysis of Rat heart with Phospho-FANCA (Ser1149) Polyclonal Antibody at dilution of 1:500

Observed Mw:162kDa

Calculated Mw:163kDa

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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 A. Alternative splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are the most common cause of Fanconi anemia.FANCA (Fanconi Anemia Complementation Group A) is a Protein Coding gene. Diseases associated with

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FANCA include Fanconi Anemia, Complementation Group A and Fanca-Related Fanconi Anemia. Among its related pathways are Fanconi anemia pathway and Chks in Checkpoint Regulation.

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