

Anti-FANCI (Ser556) Antibody

Our Anti-FANCI (Ser556) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions is
Catalog # AN1382

Specification

Anti-FANCI (Ser556) Antibody - Product Information

Primary Accession	O9NVI1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	149324

Anti-FANCI (Ser556) Antibody - Additional Information

Gene ID **55215**

Other Names

FANCI antibody, FANCI gene antibody, FANCI_HUMAN antibody, Fanconi anemia group I protein antibody, Fanconi anemia complementation group I antibody, FLJ10719 antibody, FLJ14658 antibody, KIAA1794 antibody, Protein FANCI antibody, Protein FANCI antibody,

Target/Specificity

Fanconi anemia, FA, is a rare disorder where cells cannot prevent, repair, or tolerate DNA damage, leading to cancer, progressive bone marrow failure and developmental abnormalities (Ishiai et al, 2008). 16 genes have been implicated in FA, and their products constitute a common FA pathway (Walden and Deans 2014). FANCI (Fanconi anemia complementation group I), is one of two substrates for monoubiquitination by the FANCL-containing core complex, and is crucial for DNA repair via FAP and intrastrand cross-links (Walden and Deans, 2014). Phosphorylation at Ser-556 has been shown to play a key role in FANCI physically associating with FANCD2, stabilizing the ID2 complex, and supporting its DNA binding and subsequent D2-ubiquitination (Walden and Deans, 2014).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-FANCI (Ser556) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

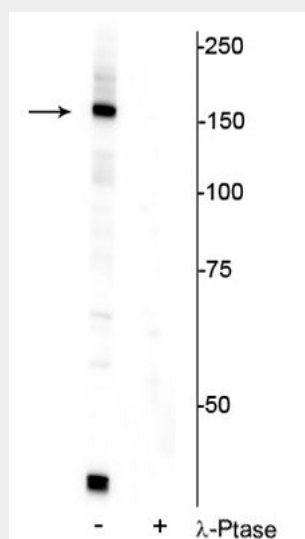
Blue Ice

Anti-FANCI (Ser556) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FANCI (Ser556) Antibody - Images



Western blot of HeLa cell lysate showing specific immunolabeling of the ~150 kDa FANCI protein phosphorylated at Ser556 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by lysate treatment with lambda phosphatase (λ -Ptase, 800 units/1mg protein for 30 min).

Anti-FANCI (Ser556) Antibody - Background

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