

Product Datasheet

FANCA (Phospho-S1149) Rabbit Polyclonal Antibody (orb213919)

Catalog Number	orb213919
Category	Antibodies
Description	The FANCA (Phospho-S1149) Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S1149 of human FANCA protein. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	FANCA
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S1149 of human FANCA protein. The exact sequence is proprietary.
UniProt ID	O15360, Q9JL70
Tested applications	IF, IHC, WB

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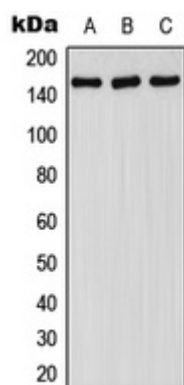
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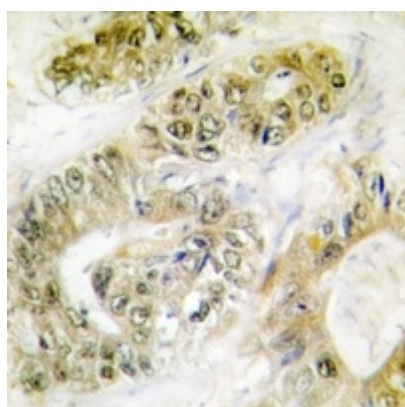
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Dilution range	WB: 1-500-1-1000, IF/ICC: 1-100-1-500, IP: 1-10-1-100
Specificity	Recognizes endogenous levels of FANCA protein only when phosphorylated at S1149.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	2175, 14087
Expiration Date	12 months from date of receipt.



Western blot analysis of FANCA (Phospho-S1149) expression in HepG2 EGF-treated (A), SP2/0 EGF-treated (B), H9C2 EGF-treated (C) whole cell lysates. (Predicted band size: 162 kDa; Observed band size: 163 kDa)



Immunohistochemical analysis of FANCA (Phospho-S1149) staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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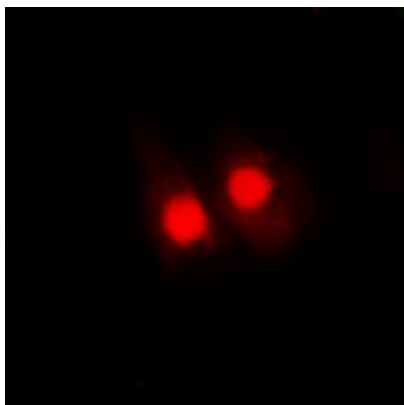
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Immunofluorescent analysis of FANCA (Phospho-S1149) staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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