

## Anti-FANCA (phospho-S1149) Antibody

Catalog Number: A03662S1149

### About FANCA

Probably important in the regulation of neuronal excitability. May underlie a potassium current involved in regulating the excitability of sensory cells of the cochlea. KCNQ4 channels are blocked by linopirdin, XE991 and bepridil, whereas clofilium is without significant effect. Muscarinic agonist oxotremorine-M strongly suppress KCNQ4 current in CHO cells in which cloned KCNQ4 channels were coexpressed with M1 muscarinic receptors.

Kubisch C., Cell 96:437-446(1999).

Gregory S.G., Nature 441:315-321(2006).

Selyanko A.A., J. Physiol. (Lond.) 522:349-355(2000).<

### Overview

Product Name	Anti-FANCA (phospho-S1149) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FANCA (phospho-S1149) Antibody catalog # A03662S1149. Tested in WB,IHC,ICC,IP applications. This antibody reacts with Human,Mouse,Rat.
Application	IP, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15360

### Technical Details

Immunogen	Synthesized peptide derived from C-terminal of human KCNQ4.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen and the purity is > 95% (by SDS-PAGE).

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

IHC: 1:50-1:200

ICC: 1:50-1:200

IP: 1:50-1:200

## Anti-FANCA (phospho-S1149) Antibody (A03662S1149) Images

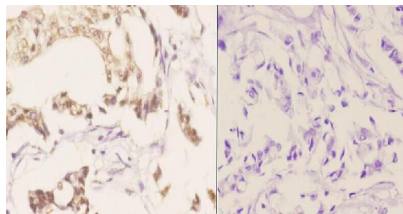


Figure 2. Immunohistochemistry validation of FANCA using Anti-FANCA (phospho-S1149) Antibody (A03662S1149).

Immunohistochemistry (IHC) analyzes of p-FANCA (S1149) pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody

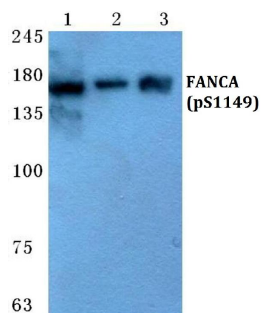


Figure 1. Western blotting validation for Anti-FANCA (phospho-S1149) Antibody A03662S1149

Western blot (WB) analysis of p-FANCA (S1149) polyclonal antibody at 1:500 dilution

Lane1: HepG2 cell lysate treated with EGF (0.1 ng/mL)

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