

# Product Datasheet

## Suppressor of Fused Antibody - BSA Free NBP2-61114-0.025 mg

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-61114-0.025 mg**

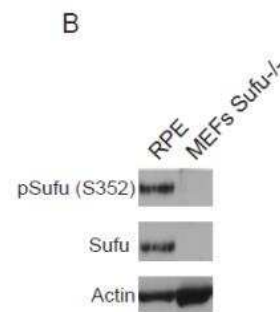
Suppressor of Fused Antibody - BSA Free

Product Information	
Unit Size	0.025 mg
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	51684
Gene Symbol	SUFU
Species	Human, Mouse
Reactivity Notes	Anti-phospho-Sufu polyclonal antibody recognises wild type sufu which is phosphorylated at serine 352. The antibody specificity for the phosphorylated version has been confirmed; it does not react against a non-phosphorylated version of Sufu which has serine 352 substituted by alanine.
Immunogen	Sufu peptide: Hu #347~360: CLESDS-pS-pT-AIIPHEL
Product Application Details	
Applications	Western Blot, Immunofluorescence, Knockout Validated
Recommended Dilutions	Western Blot 1:500, Immunofluorescence 1:1000, Knockout Validated

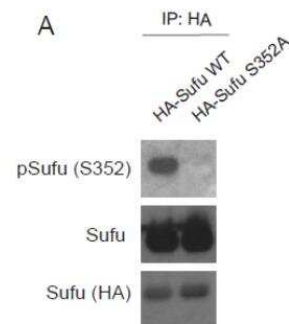


## Images

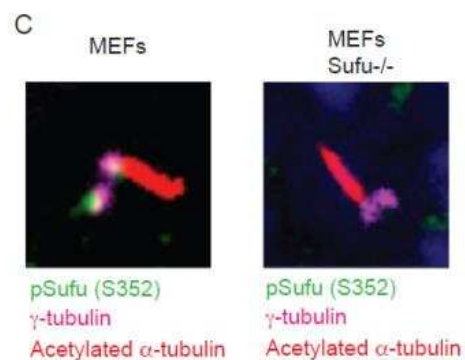
Knockout Validated: Suppressor of Fused Antibody - Azide and BSA Free [NBP2-61114] - Detection by western blot of phosphorylated Sufu on S352, Sufu from RPE (Retinal Pigment Epithelial) cells (Lane 1) and MEFs (Mouse Embryonic Fibroblasts) (Lane 2). Actin was used as a loading control



Western Blot: SUFU Antibody - Azide and BSA Free [NBP2-61114] - Detection of Sufu, phosphorylated S352 Sufu and HA after immunoprecipitation of HA tagged Sufu Wild Type and Sufu S352A from HEK293T cells. This shows that the anti-phospho-sufu antibody is specific and recognises only the phosphorylated form of Sufu but not a mutant where S352 is mutated to alanine. Also a second antibody recognises Sufu after immunoprecipitation independent of the phosphorylation status.



Immunofluorescence: Suppressor of Fused Antibody - Azide and BSA Free [NBP2-61114] - Immunofluorescence staining of the indicated proteins in ciliated mouse embryonic fibroblasts (MEFs) and MEFs knockout for Sufu<sup>-/-</sup>. The images show pSufu accumulates at the base of the cilium, similarly to the phosphorylated S342 described before. In this case, MEFs lacking Sufu do not show the same signal indicating specificity.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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