

Sufu(Phospho-Ser342) Antibody

Catalog No: #11552



Package Size: #11552-1 50ul #11552-2 100ul #11552-4 25ul

Overview

Product Name	Sufu(Phospho-Ser342) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	Sufu
Modification	Phospho-Ser342
Alternative Names	SUFUH

Application Details

Predicted MW: 54kd

Western blotting: 1:500~1:1000

Descriptions

Immunogen	Peptide sequence around phosphorylation site of Serine 342 (A-P-S(p)-R-K) derived from Human Sufu.
Specificity	The antibody detects endogenous level of Sufu protein only when phosphorylated at serine 342.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q9UMX1NCBI Protein: NP_057253.2

Related Information

SUFU encodes a component of the Sonic hedgehog (SHH; MIM 600725)/Patched (PTCH; MIM 601309) signaling pathway. Mutations in genes encoding components of this pathway are deleterious for normal development and are associated with cancer-predisposing syndromes (e.g., HPE3, MIM 142945; BCNS, MIM 109400; and GCPS, MIM 175700)

Zimmern P, et al. (2010) NeuroUrol Urodyn. 29(5):715-8.

Wang C, et al. (2010) Development. 137(12):2001-9.

Rabasseda X, et al. (2010) Drug News Perspect. 23(4):273-5.

Published Papers

Yan Chen, Shen Yue, Lu Xie et al., Dual Phosphorylation of Suppressor of Fused (Sufu) by PKA and GSK3 β Regulates Its Stability and Localization in the Primary Cilium, THE JOURNAL OF BIOLOGICAL CHEMISTRY, 286(15):13502-13511(2011)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.