

Sufu (Phospho-Ser342) Conjugated Antibody

Catalog No: #C11552



Package Size: #C11552-AF350 100ul #C11552-AF405 100ul #C11552-AF488 100ul
 #C11552-AF555 100ul #C11552-AF594 100ul #C11552-AF647 100ul
 #C11552-AF680 100ul #C11552-AF750 100ul #C11552-Biotin 100ul

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Description

Product Name	Sufu (Phospho-Ser342) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Sufu protein only when phosphorylated at serine 342.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 342 (A-P-S(p)-R-K) derived from Human Sufu.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SUFUH
Accession No.	Swiss-Prot#:Q9UMX1NCBI Gene ID:51684NCBI mRNA#:NM_016169.2 NCBI Protein#:NP_057253.2
Uniprot	Q9UMX1
GeneID	51684;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	54
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

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)

Note: This product is for in vitro research use only