

ARG45285 anti-SPRED2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes SPRED2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SPRED2
Species	Human
Immunogen	Recombinant protein containing to human SPRED2.
Conjugation	Un-conjugated
Alternate Names	SPRED2; Sprouty Related EVH1 Domain Containing 2; Spred-2; Sprouty-Related, EVH1 Domain-Containing Protein 2; FLJ21897; FLJ31917; Sprouty Protein With EVH-1 Domain 2, Related Sequence; NS14

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	53 kDa	

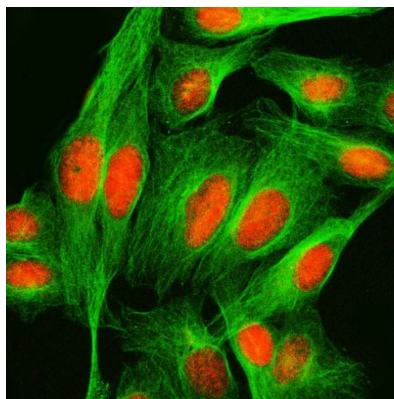
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

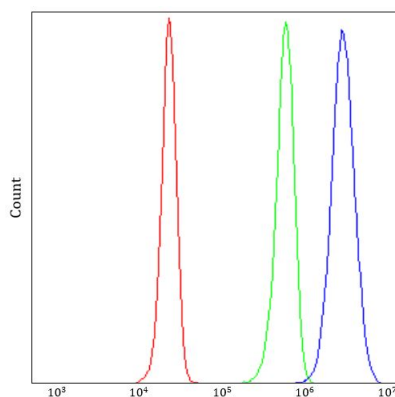
Gene Symbol	SPRED2
Gene Full Name	Sprouty Related EVH1 Domain Containing 2
Background	SPRED2 is a member of the Sprouty (see SPRY1; MIM 602465)/SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade (see MAPK1; MIM 176948) (Nonami et al., 2004 [PubMed 15465815]).[supplied by OMIM, Mar 2008]
Function	Negatively regulates Ras signaling pathways and downstream activation of MAP kinases. [UniProt]
Calculated Mw	48 kDa
PTM	Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cell membrane; Cytoplasm; Cytoplasmic vesicle; Membrane. [UniProt]

Images



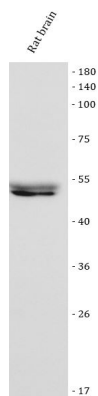
ARG45285 anti-SPRED2 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45285 anti-SPRED2 antibody at 5 ug/ml dilution.



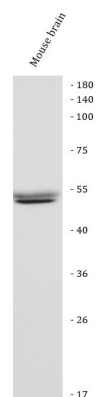
ARG45285 anti-SPRED2 antibody FACS image

Flow Cytometry: HepG2 stained with ARG45285 anti-SPRED2 antibody at 1 µg/10⁶ cells dilution.



ARG45285 anti-SPRED2 antibody WB image

Western blot: Rat brain stained with ARG45285 anti-SPRED2 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45285 anti-SPRED2 antibody WB image

Western blot: Mouse brain stained with ARG45285 anti-SPRED2 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.