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Datasheet for ABIN7270557
anti-SPRED1 antibody (AA 120-320)

Overview

Quantity:	100 µL
Target:	SPRED1
Binding Specificity:	AA 120-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRED1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SPRED1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 120-320 of human SPRED1 (NP_689807.1).
Sequence:	IEDISQGCE SKNEAEGADD LQANEEDSSS SLVKDHLFQQ ETVVTSEPYR SSNIRPSPFE DLNARRVYMQ SQANQITFGQ PGLDIQSRSM EYVQRQISKE CGSLKSQNRV PLKSIRHVSF QDEDEIVRIN PRDILIRRYA DYRHPDMWKN DLERDDADSS IQFSKPDSKK SDYLYSCGDE TKLSSPKDSV VFKTQPSSLK I
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: SPRED1

Alternative Name: SPRED1 ([SPRED1 Products](#))

Background: The protein encoded by this gene is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. The encoded protein can act as a homodimer or as a heterodimer with SPRED2 to regulate activation of the MAP kinase cascade. Defects in this gene are a cause of neurofibromatosis type 1-like syndrome (NFLS), SPRED1, NFLS, PPP1R147, hSpred1, spred-1, Signal Transduction, G protein signaling, Signal Transduction, Kinase, MAPK-Erk Signaling Pathway, SPRED1

Molecular Weight: 50kDa

Gene ID: 161742

UniProt: [Q7Z699](#)

Pathways: [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: WB, 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.