

Datasheet for ABIN2788425
anti-SPRED2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SPRED2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Zebrafish (Danio rerio), Guinea Pig, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRED2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SPRED2
Sequence:	NHEENRRGHC QDAPDSVRTC IRRVSCMWCA DSMLYHCMSD PEGDYTDPCS
Predicted Reactivity:	Cow: 100%, Dog: 92%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against SPRED2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SPRED2
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Target Details

Alternative Name:	SPRED2 (SPRED2 Products)
Background:	<p>SPRED2 is a member of the Sprouty /SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade .</p> <p>Alias Symbols: FLJ21897, FLJ31917, MGC163164, Spred-2</p> <p>Protein Interaction Partner: SPG21, TOP3B, UBC, SQSTM1, NBR1, ELAVL1, RHOA, KIT, TESK1,</p> <p>Protein Size: 418</p>
Molecular Weight:	47 kDa
Gene ID:	200734
NCBI Accession:	NM_181784 , NP_861449
UniProt:	Q7Z698

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 418 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-SPRED2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

Western Blotting

Image 2. WB Suggested Anti-SPRED2

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500

Positive Control: HepG2 cell lysate

There is BioGPS gene expression data showing that SPRED2 is expressed in HepG2