

Product Name: Sprouty 4 (11C12) Rabbit Monoclonal Antibody
Catalog #: AMRe18215



Summary

Production Name	Sprouty 4 (11C12) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	SPRY4
Alternative Names	Sprouty homolog 4; SPRY 4;
Gene ID	81848.0
SwissProt ID	Q9C004.A synthetic peptide of human Sprouty 4

Application

Dilution Ratio	WB: 1:1000-1:5000
Molecular Weight	33kDa

Background

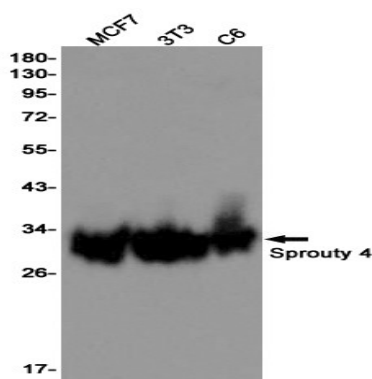
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Suppresses the insulin receptor and EGFR-transduced MAPK signaling pathway, but does not inhibit MAPK activation by a constitutively active mutant Ras. Probably impairs the formation of GTP-Ras. Suppresses the insulin receptor and EGFR-transduced MAPK signaling pathway, but does not inhibit MAPK activation by a constitutively active mutant Ras (PubMed:12027893). Probably impairs the formation of GTP-Ras (PubMed:12027893). Inhibits Ras-independent, but not Ras-dependent, activation of RAF1 (PubMed:12717443). Represses integrin-mediated cell spreading via inhibition of TESK1-mediated phosphorylation of cofilin (PubMed:15584898).

Research Area

Image Data



Western blot detection of Sprouty 4 in MCF7,3T3,C6 cell lysates using Sprouty 4 antibody(1:1000 diluted).

Note

For research use only.