

Datasheet for ABIN2813676

anti-ARHGEF2 antibody (pSer886) (AbBy Fluor® 594)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ARHGEF2
Binding Specificity:	pSer886
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF2 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Arhgef2 around the phosphorylation site of Ser886
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ARHGEF2
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Target Details

Alternative Name:	GEF H1 (ARHGEF2 Products)
Background:	<p>Synonyms: GEF H1phospho S886, Arhgef2Ser886, Lbcl1, Lfc, mKIAA0651, AA408978, ARHG2, ARHGEF 2, ARHGEF-2, ARHGEF2, GEF, GEF H1, GEF-H1, GEFH1, LFP40, MGC95068, P40, Prolerating cell nucleolar antigen p40, Protein GEF-H1, rho/rac guanine nucleotide exchange factor GEF 2, rho/rac guanine nucleotide exchange factor 2, rho/rac guanine nucleotide exchange factor.</p> <p>Background: GEF-H1 is a Rho guanine nucleotide exchange factor that localizes to microtubules and regulates Rho activity in response to microtubule destabilization (loss of interaction between GEF-H1 and microtubules leads to activation of Rho). This protein has also been shown to localize to tight junctions and modulate polarized cell permeability.</p>
Gene ID:	9181
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months