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Datasheet for ABIN2814015

anti-GRAF antibody (AA 1-100) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	GRAF (ARHGAP26)
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRAF antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GRAF1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GRAF (ARHGAP26)
Alternative Name:	GRAF1 (ARHGAP26 Products)

Target Details

Background:	<p>Synonyms: arhgap 26, ARHGAP26, FLJ42530, GRAF, GRAF1, GTPase regulator associated with focal adhesion kinase, GTPase regulator associated with focal adhesion kinase pp125FAK, KIAA0621, oligophrenin 1 like protein, Oligophrenin-1-like protein, oligophrenin1like protein, OPHN1L, OPHN1L1, RHG26_HUMAN, Rho GTPase activating protein 26, Rho GTPase activating protein26, Rho GTPase-activating protein 26, Rho-type GTPase-activating protein 26.</p> <p>Background: Cellular signaling by G-proteins is down-regulated by GTPase-activating proteins (GAPs), which increase the rate of GTP hydrolysis. The GTPase regulator associated with focal adhesion kinase (GRAF) has GAP activity toward Rho A and Cdc42, but not Rac1. GRAF is ubiquitously expressed with high levels in heart and brain. Expression of GRAF causes clearing of stress fibers and formation of long actin based filopodial-like extensions. Fusion of MLL with GRAF, MLL/GRAF, is included in a rare genetic subgroup of acute myeloid leukemia (AML) cases.</p>
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Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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