

Datasheet for ABIN7118322 **anti-RAC2 antibody**



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Overview

Quantity:	100 µg
Target:	RAC2
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	ras-related C3 botulinum toxin substrate 2(rho family, small GTP binding protein Rac2)
Clone:	8F0
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	RAC2
Alternative Name:	RAC2 (RAC2 Products)
Background:	Synonyms:EN 7, Gx, HSPC022, p21 Rac2, RAC2, Small G protein Background:Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive

Target Details

	GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species(ROS) by NADPH oxidase.
Molecular Weight:	21 kDa
Gene ID:	5880
UniProt:	P15153
Pathways:	RTK Signaling , VEGF Signaling

Application Details

Application Notes:	WB: 1:2000-1:10000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months