

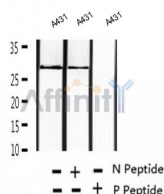
Phospho-Rac1/cdc42 (Ser71) Ab

Cat.#: AF2393
Size: 100ul, 200ul

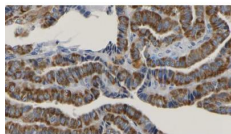
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 28kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200 IF/ICC 1:100-500
Reactivity:	Human, Mouse, Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-Rac1/cdc42 (Ser71) Ab detects endogenous levels of Rac1/cdc42.
Immunogen:	A synthesized peptide derived from human Rac1/cdc42 around the phosphorylation site of Ser71.
Uniprot:	P63000
Subcellular Location:	Cell membrane. Melanosome. Inner surface of plasma membrane possibly with attachment requiring prenylation of the C-terminal cysteine (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity:	Isoform B is predominantly identified in skin and epithelial tissues from the intestinal tract. Its expression is elevated in colorectal tumors at various stages of neoplastic progression, as compared to their respective adjacent tissues.
Similarity:	The effector region mediates interaction with DEF6. Belongs to the small GTPase superfamily. Rho family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of extracts of A431 cells, using Phospho-Rac1/cdc42 (Ser71) Ab.



AF2393 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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