

OriGene Technologies, Inc.

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Product datasheet for TA358606

RAP2A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies		
Applications:	WB		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Specificity:	Expected reactivity : Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish Homology : Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%		
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.		
Concentration:	lot specific		
Purification:	Affinity Purified		
Conjugation:	Unconjugated		
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.		
Stability:	Shelf life: one year from despatch.		
Predicted Protein Size:	20kDa		
Gene Name:	RAP2A, member of RAS oncogene family		
Database Link:	<u>NP_066361</u> <u>Entrez Gene 5911 Human</u> <u>P10114</u>		
Background:	RAP2A is a small GTP-binding protein which cycles between a GDP-bound inactive and a GTP- bound active form. In its active form interacts with and regulates several effectors including MAP4K4, MINK1 and TNIK. Part of a signaling complex composed of NEDD4, RAP2A and TNIK which regulates neuronal dendrite extension and arborization during development. More generally, it is part of several signaling cascades and may regulate cytoskeletal rearrangements, cell migration, cell adhesion and cell spreading.		



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	Product images: 90 kDa 65 kDa 40 kDa 28 kDa 28 kDa 22 kDa 20 kDa 20 kDa 29 kDa 20 kDa 29 kDa 20 kD	Synonyms:	K-REV; KREV; RAP2; RbBP-30				
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29— Sample Type: Human 721_B supported by BioGPS gene expression data to be Antibody Concentration: 1ug/mL expressed in Human 721_B cells	29— Sample Type: Human 721_B supported by BioGPS gene expression data to be Antibody Concentration: 1ug/mL expressed in Human 721_B cells		40—	it Anti-RAP2A	Target Name: RAP2A Sample Type: 721_B Antibody Dilution: 1.0ug/mlRAP2A is strongly		
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