

Product datasheet for **TA335018**

A RAF (ARAF) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ARAF antibody: synthetic peptide directed towards the middle region of human ARAF. Synthetic peptide located within the following region: PRGSPSPASVSSGRKSPHSKSPAQRERKSLADDKKKVKNLGYRDSGYW
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	A-Raf proto-oncogene, serine/threonine kinase
Database Link:	NP_001645 Entrez Gene 369 Human P10398
Background:	ARAF belongs to the protein kinase superfamily, TKL Ser/Thr protein kinase family, RAF subfamily. It contains 1 phorbol-ester/DAG-type zinc finger, 1 protein kinase domain, and 1 RBD (Ras-binding) domain. ARAF is involved in the transduction of mitogenic signals from the cell membrane to the nucleus.
Synonyms:	A-RAF; ARAF1; PKS2; RAFA1



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Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Dog: 93%; Rabbit: 93%

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Acute myeloid leukemia, Bladder cancer, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, ErbB signaling pathway, Glioma, Insulin signaling pathway, Long-term depression, Long-term potentiation, Melanoma, Natural killer cell mediated cytotoxicity, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer, Regulation of actin cytoskeleton, Renal cell carcinoma, Vascular smooth muscle contraction

Product images:



WB Suggested Anti-ARAF Antibody Titration: 0.2-1 ug/ml; Positive Control: Human brain