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Product datasheet for TA324983

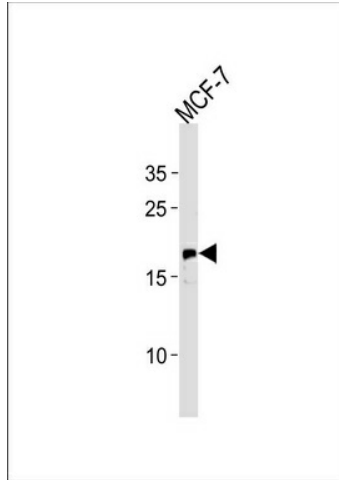## NRAS Rabbit Polyclonal Antibody

Product data:

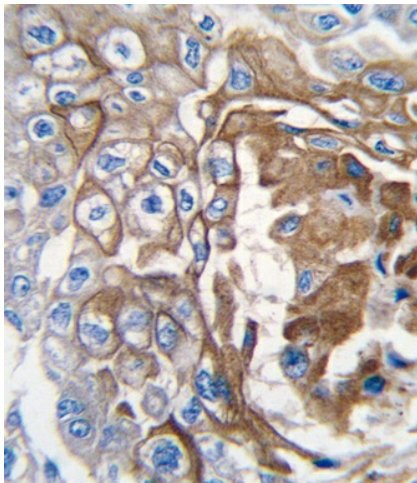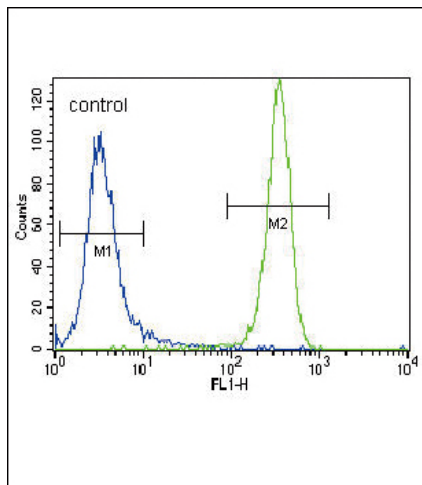|	
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50, FC: 1:10~50
Reactivity:	Human (Predicted: Pig)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This NRAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-179 amino acids from the C-terminal region of human NRAS.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21229 Da
Gene Name:	neuroblastoma RAS viral oncogene homolog
Database Link:	NP_002515 Entrez Gene 4893 Human P01111
Synonyms:	ALPS4; CMNS; N-ras; NCMS; NRAS1; NS6
Protein Families:	Druggable Genome

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Protein Pathways: Acute myeloid leukemia, Axon guidance, B cell receptor signaling pathway, Bladder cancer, Chemokine signaling pathway, Chronic myeloid leukemia, Endometrial cancer, ErbB signaling pathway, Fc epsilon RI signaling pathway, Gap junction, Glioma, GnRH signaling pathway, Insulin signaling pathway, Long-term depression, Long-term potentiation, MAPK signaling pathway, Melanogenesis, Melanoma, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Non-small cell lung cancer, Pathways in cancer, Prostate cancer, Regulation of actin cytoskeleton, Renal cell carcinoma, T cell receptor signaling pathway, Thyroid cancer, Tight junction, VEGF signaling pathway

Product images:

NRAS Antibody (C-term) (Cat. #TA324983) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the NRAS antibody detected the NRAS protein (arrow).

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with NRAS antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

NRAS Antibody (C-term) (Cat. #TA324983) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.