SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-MRas antibody

Catalog Number: SL22921R

FOR RESEARCH USE ONLY

[DATASHEET]

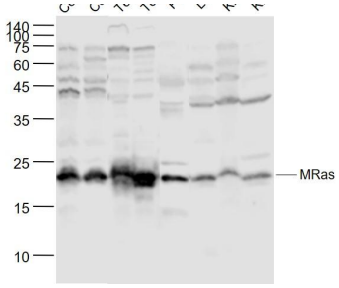
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	MRas
Immunogen:	KLH conjugated synthetic peptide derived from mouse MRas: 201-259/259
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse, Rat
Predicted MW.:	23kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	MRas is a member of the RAS superfamily of GTP-binding proteins which are membrane-anchored, intracellular signal transducers responsible for a variety of normal cellular functions. They are oncogenically activated in a significant fraction of tumors. MRas participates in reorganisation of actin cytoskeleton. It is also involved in focal adhesion and can activate MAPK signalling. **Function:** May serve as an important signal transducer for a novel upstream stimuli in controlling cell proliferation. Weakly activates the MAP kinase pathway. **Subcellular Location:** Cell membrane; Lipid-anchor; Cytoplasmic side (Potential). **Tissue Specificity:** Expression highly restricted to the brain and heart. **Similarity:** Belongs to the small GTPase superfamily. Ras family. **Database links:** **Entrez Gene:** 22808 Human **Entrez Gene:** 17532 Mouse

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Entrez Gene: 25482 Rat Omim: 608435 Human **SwissProt:** O14807 Human **SwissProt:** O08989 Mouse **SwissProt:** P97538 Rat **Unigene:** 527021 Human **Unigene:** 2045 Mouse **Unigene:** 10641 Rat The Ras protein, the expression product of the M-ras oncogene, is present in most Tumour and is currently one of the more important proteins in Tumour research.

[VALIDATION IMAGES]



Sample:
Lane 1: Cerebrum (Mouse) Lysate at 40 ug
Lane 2: Cerebrum (Rat) Lysate at 40 ug
Lane 3: Testis (Mouse) Lysate at 40 ug
Lane 4: Testis (Rat) Lysate at 40 ug
Lane 5: Pancreas (Rat) Lysate at 40 ug
Lane 6: Liver (Rat) Lysate at 40 ug
Lane 7: Kidney (Mouse) Lysate at 40 ug
Lane 8: Kidney (Rat) Lysate at 40 ug
Primary: Anti-MRas (SL22921R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 21 kD
Observed band size: 21 kD

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