





E-Ras Monoclonal Antibody

ERAS. AA range:184-233 Specificity E-Ras Monoclonal Antibody detects endogenous levels of E-Ras protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,lgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ERAS; HRAS2; HRASP; GTPase ERas; E-Ras; Embryonic stem cell-express Ras Observed Band 25kD Cell Pathway Cell membrane; Lipid-anchor; Cytoplasmic side. Tissue Specificity Brain, Function enzyme regulation:Alternate between an inactive form bound to GDP and an active form bound to GTP. Activated by a quanine nucleotide-exchange fact		
Reactivity Human;Rat;Mouse; Applications WB Gene Name ERAS Protein Name GTPase Eras Immunogen The antiserum was produced against synthesized peptide derived from hum ERAS. AA range:184-233 Specificity E-Ras Monoclonal Antibody detects endogenous levels of E-Ras protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ERAS; HRAS2; HRASP; GTPase ERas; E-Ras; Embryonic stem cell-express Ras Observed Band 25kD Cell Pathway Cell membrane; Lipid-anchor; Cytoplasmic side. Tissue Specificity Brain, Function enzyme regulation: Alternate between an inactive form bound to GDP and aractive form bound to GTP. Activated by a quanine nucleotide-exchange facts	Catalog No	YP-mAb-16156
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Cell Pathway Cell membrane ; Lipid-anchor ; Cytoplasmic side . Tissue Specificity Brain, Function enzyme regulation:Alternate between an inactive form bound to GDP and an active form bound to GTP. Activated by a guanine nucleotide-exchange factor.	Storage Stability	-20°C/1 year
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Tissue Specificity Brain, Function enzyme regulation:Alternate between an inactive form bound to GDP and ar active form bound to GTP. Activated by a guanine nucleotide-exchange factor.	Observed Band	25kD
Function enzyme regulation:Alternate between an inactive form bound to GDP and ar active form bound to GTP. Activated by a quanine nucleotide-exchange factor	Cell Pathway	Cell membrane ; Lipid-anchor ; Cytoplasmic side .
active form bound to GTP. Activated by a guanine nucleotide-exchange factor	Tissue Specificity	Brain,
(GEF) and inactivated by a GTPase-activating protein (GAP).,function:Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an imperior of embryonic stem cells.,similarity:Be	Function	enzyme regulation:Alternate between an inactive form bound to GDP and an active form bound to GTP. Activated by a guanine nucleotide-exchange factor (GEF) and inactivated by a GTPase-activating protein (GAP).,function:Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of embryonic stem cells.,similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with PIK3CD.,
protein family. The encoded protein activates the phosphatidylinositol 3-kina	Background	This gene encodes a constitutively active member of the small GTPase Ras protein family. The encoded protein activates the phosphatidylinositol 3-kinase signal transduction pathway in undifferentiated stem cells, but is not expressed in differentiated cells. This gene may be involved in cancer and chemotherapy resistance. [provided by RefSeq, Dec 2012],



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matters needing attention

ERAS

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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Western Blot analysis of various cells using E-Ras Monoclonal Antibody

-- 85

-- 48

-- 34

-- 26

(kD)