

Rabbit anti-Human ERAS Polyclonal Antibody | anti-ERAS antibody

ERAS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324765	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

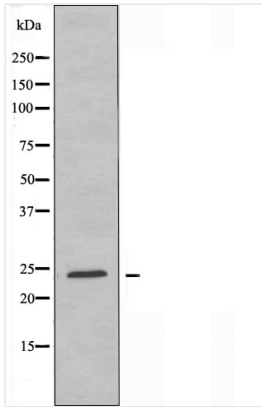
PRODUCT SYNONYMS

ERAS; Polyclonal Antibody; ERAS Antibody; E ras; E-Ras; ecat5; Embryonic stem cell expressed Ras; Embryonic stem cell-expressed Ras; Eras; ES cell expressed Ras; GTPase ERas; Ha-Ras2; HRAS2; HRASP; MGC126691; MGC126693; OTTHUMP00000065857; RASE_HUMAN; Small GTPase protein E Ras; v Ha ras Harvey rat sarcoma viral oncogene homolog pseudogene; v Ha ras Harvey rat sarcoma viral oncogene homolog 2; anti-ERAS antibody

PRODUCT SPECIFICATIONS

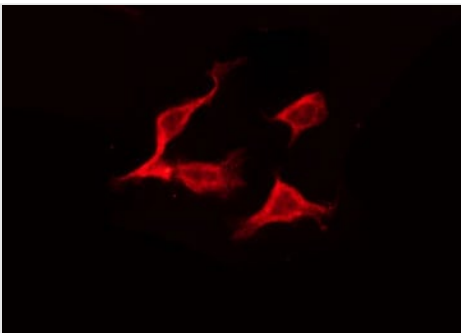
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ERAS antibody detects endogenous levels of total ERAS
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	233
Applicable Applications for anti-ERAS antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Plasma Membrane
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using ERAS antibody.



IF (Immunofluorescence)

AAA324765 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ERAS antibody	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 (By similarity). Subunit Structure: Interacts with PIK3CD. Similarity: Belongs to the small GTPase superfamily. Ras family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31559833
NCBI GeneID	3266
NCBI Accession #	NP_853510.1
NCBI GenBank Nucleotide #	NM_181532.3
UniProt Accession #	Q7Z444
Molecular Weight	Observed: 25 kD Predicted: 26 kDa
NCBI Official Full Name	GTPase ERas
NCBI Official Synonym Full Names	ES cell expressed Ras
NCBI Official Symbol	ERAS
NCBI Official Synonym Symbols	HRAS2; HRASP
NCBI Protein Information	GTPase ERas
UniProt Protein Name	GTPase ERas
UniProt Gene Name	ERAS
UniProt Synonym Gene Names	HRAS2; HRASP; E-Ras

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.