



Rabbit Anti-MIG6 antibody

SL20291R

Product Name:	MIG6
Chinese Name:	有丝分裂原诱导基因6抗体
Alias:	ERBB receptor feedback inhibitor 1; GENE 33; MIG6; mitogen inducible gene 6; mitogen inducible gene 6 protein; RALT; receptor-associated late transducer; ERRFI_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	51kDa
Cellular localization:	The nucleuscytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MIG6:301-400/462
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	ERRFI1 belongs to a class of mammalian regulators of tyrosine kinase signalling, whose expression is transcriptionally controlled by receptor activation. A number of features reveal this protein as a candidate for being a signal transducing protein; proline rich sequences, consensus sequences for phosphorylation of ERK1 and ERK2, a potential binding site for 14-3-3 proteins and other potential sites for phosphorylation

by protein kinase C, A and Casein kinase II.

Function:

Negative regulator of EGFR signaling in skin morphogenesis. Acts as a negative regulator for several EGFR family members, including ERBB2, ERBB3 and ERBB4. Inhibits EGFR catalytic activity by interfering with its dimerization. Inhibits autophosphorylation of EGFR, ERBB2 and ERBB4. Important for normal keratinocyte proliferation and differentiation. Plays a role in modulating the response to steroid hormones in the uterus. Required for normal response to progesterone in the uterus and for fertility. Mediates epithelial estrogen responses in the uterus by regulating ESR1 levels and activation. Important for regulation of endometrium cell proliferation. Important for normal prenatal and perinatal lung development

Subunit:

interacts with ERBB2. Interacts with EGFR.

Subcellular Location:

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus. Note=Associated with the plasma membrane of basal skin keratinocytes. Translocates into the nucleus of differentiating suprabasal keratinocytes.

Similarity:

Belongs to the MIG6 family.

SWISS:

Q9UJM3

Gene ID:

54206

Database links:

[Entrez Gene: 54206](#)Human

[Omim: 608069](#)Human

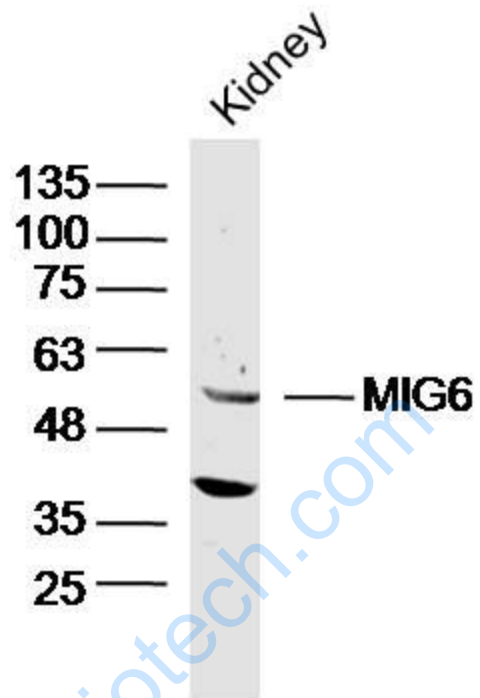
[SwissProt: Q9UJM3](#)Human

[Unigene: 605445](#)Human

Important Note:

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

Picture:



Sample: Kidney (Mouse) Lysate at 40 ug

Primary: Anti-MIG6(SL20291R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 51kD

Observed band size: 51kD