

ARG63540 anti-EPS8 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes EPS8
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog, Pig
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	EPS8
Species	Human
Immunogen	C-SGVESFDEGSSH
Conjugation	Un-conjugated
Alternate Names	DFNB102; Epidermal growth factor receptor kinase substrate 8

Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 2059 Human](#)

[Swiss-port # Q12929 Human](#)

Background

This gene encodes a member of the EPS8 family. This protein contains one PH domain and one SH3 domain. It functions as part of the EGFR pathway, though its exact role has not been determined. Highly similar proteins in other organisms are involved in the transduction of signals from Ras to Rac and growth factor-mediated actin remodeling. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq, Jul 2008]

Research Area

Cancer antibody; Signaling Transduction antibody

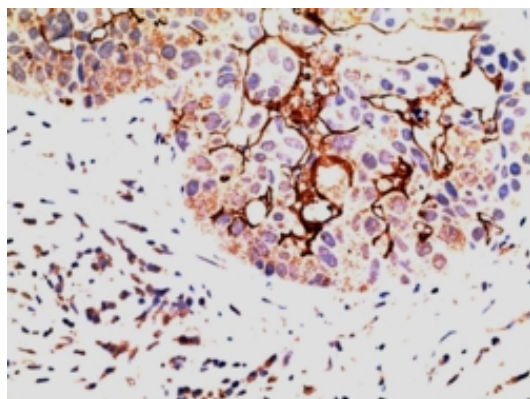
Calculated Mw

92 kDa

PTM

Ubiquitinated by the SCF(FBXW5) E3 ubiquitin-protein ligase complex during G2 phase, leading to its transient degradation and subsequent cell shape changes required to allow mitotic progression. Reappears at the midzone of dividing cells (By similarity). Phosphorylation at Ser-625 and Thr-629 by MAPK following BDNF treatment promotes removal from actin and filopodia formation (By similarity). Phosphorylated by several receptor tyrosine kinases.

Images



ARG63540 anti-EPS8 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Breast Carcinoma. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63540 anti-EPS8 antibody at 5 µg/ml dilution followed by AP-staining.