



Epiregulin rabbit pAb

Cat No.:ES8803

For research use only

Overview

Product Name	Epiregulin rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	IHC-p 1:50-200, ELISA 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 71-120
Specificity	The antibody detects endogenous Epiregulin
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Proepiregulin [Cleaved into: Epiregulin (EPR)]
Gene Name	EREG
Cellular localization	[Epiregulin]: Secreted, extracellular space . ; [Proepiregulin]: Cell membrane ; Single-pass type I membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	2069
Human Swiss-Prot Number	O14944
Alternative Names	Proepiregulin [Cleaved into: Epiregulin (EPR)]
Background	This gene encodes a secreted peptide hormone and member of the epidermal growth factor (EGF) family of proteins. The encoded protein is a ligand of the epidermal growth factor receptor (EGFR) and the structurally related erb-b2 receptor tyrosine kinase 4 (ERBB4). The encoded protein may be involved in a wide range of biological processes including inflammation, wound healing, oocyte maturation,



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and cell proliferation. Additionally, the encoded protein may promote the progression of cancers of various human tissues. [provided by RefSeq, Jul 2015],

Immunohistochemical analysis of paraffin-embedded Human-liver, antibody was diluted at 1:100

