



Epiregulin Polyclonal Antibody

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|---------------------------|---|
| Catalog No | BYab-10745 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | IHC;IF;ELISA |
| Gene Name | EREG |
| Protein Name | Proepiregulin [Cleaved into: Epiregulin (EPR)] |
| 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. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | Proepiregulin [Cleaved into: Epiregulin (EPR)] |
| Observed Band | |
| Cell Pathway | [Epiregulin]: Secreted, extracellular space .; [Proepiregulin]: Cell membrane ; Single-pass type I membrane protein . |
| Tissue Specificity | In normal adults, expressed predominantly in the placenta and peripheral blood leukocytes. High levels were detected in carcinomas of the bladder, lung, kidney and colon. |
| Function | function:May be a mediator of localized cell proliferation. As a mitogen it may stimulate cell proliferation and/or angiogenesis.,similarity:Contains 1 EGF-like domain.,tissue specificity:In normal adults, expressed predominantly in the placenta and peripheral blood leukocytes. High levels were detected in carcinomas of the bladder, lung, kidney and colon., |
| 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 |

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

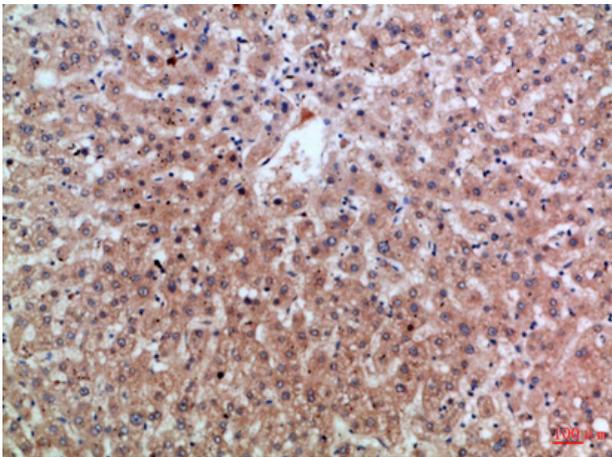
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

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

Products Images



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