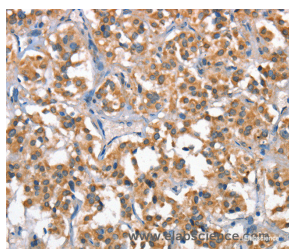


HGF Polyclonal Antibody

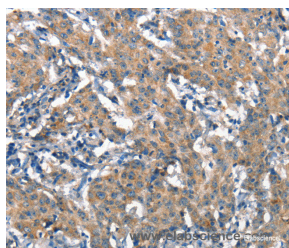
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-14122 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | IHC,ELISA | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using HGF Polyclonal Antibody at dilution 1:65



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using HGF Polyclonal Antibody at dilution 1:65

Immunogen Information

| | |
|-----------------------|----------------------------------|
| Immunogen | Recombinant protein of human HGF |
| Gene Accession | BC063485 |
| Swissprot | P14210 |
| Synonyms | SF,HGFB,HPTA,F-TCF,DFNB39 |

Product Information

| | |
|-----------------|---|
| Buffer | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |
| Purify | Affinity purification |
| Dilution | IHC 1:50-1:200 |

Background

Hepatocyte growth factor regulates cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. Hepatocyte growth factor is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. Its ability to stimulate mitogenesis, cell motility, and matrix invasion gives it a central role in angiogenesis, tumorogenesis, and tissue regeneration. It is secreted as a single inactive polypeptide and is cleaved by serine proteases into a 69-kDa alpha-chain and 34-kDa beta-chain. A disulfide bond between the alpha and beta chains produces the active, heterodimeric molecule.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.