

HGF Polyclonal Antibody

Catalog No. E-AB-10362

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

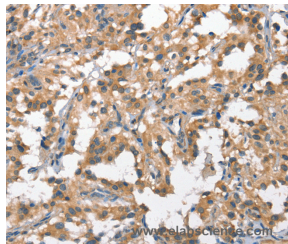
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human HGF
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

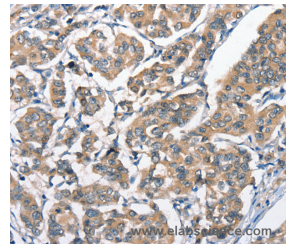
Applications Recommended Dilution

IHC 1:50-1:200

Data



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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