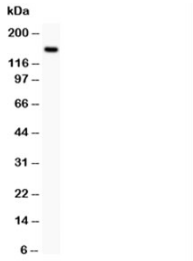
c-Met Antibody (R31600)

Catalog No.	Formulation	Size
R31600	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	4233
Applications	Western Blot : 0.5-1ug/ml
Limitations	This c-Met antibody is available for research use only.



Western blot testing of c-Met antibody and rat liver lysate. Predicted molecular weight ~156 kDa.

Description

c-Met, also called Hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene. The protein possesses tyrosine kinase activity. It is a membrane receptor that is essential for embryonic development and wound healing. It induces several biological responses that collectively give rise to a program known as invasive growth. c-Met is deregulated in many types of human malignancies, including cancers of kidney, liver, stomach, breast, and brain. Normally, only stem cells and progenitor cells express the receptor, which allows these cells to grow invasively in order to generate new tissues in an embryo or regenerate damaged tissues in an adult. However, cancer stem cells are thought to hijack the ability of normal stem cells to express c-Met, and thus become the cause of cancer persistence and spread to

other sites in the body.

Application Notes

The stated application concentrations are suggested starting points. Titration of the c-Met antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 208-407) was used as the immunogen for this c-Met antibody.

Storage

After reconstitution, the c-Met antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.