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Datasheet for ABIN7164703
anti-HBEGF antibody (AA 63-148) (HRP)

Overview

Quantity:	100 µg
Target:	HBEGF
Binding Specificity:	AA 63-148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBEGF antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Proheparin-binding EGF-like growth factor protein (63-148AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HBEGF
Alternative Name:	HBEGF (HBEGF Products)
Background:	Background: Growth factor that mediates its effects via EGFR, ERBB2 and ERBB4. Required for normal cardiac valve formation and normal heart function. Promotes smooth muscle cell

Target Details

proliferation. May be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts, but not endothelial cells. It is able to bind EGF receptor/EGFR with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. Also acts as a diphtheria toxin receptor.

Aliases: diphtheria toxin receptor (heparin-binding EGF-like growth factor) antibody, diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor) antibody, Diphtheria toxin receptor antibody, DT R antibody, DT-R antibody, DTR antibody, DTS antibody, DTSF antibody, HB-EGF antibody, HBEGF antibody, HBEGF_HUMAN antibody, HEGFL antibody, Heparin binding EGF like growth factor antibody, Heparin binding epidermal growth factor antibody, Heparin binding epidermal growth factor like growth factor antibody, Heparin-binding EGF-like growth factor antibody, Proheparin binding EGF like growth factor antibody

UniProt: [Q99075](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.