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Datasheet for ABIN7164651  
**anti-Epiregulin antibody (AA 144-160) (Biotin)**

### Overview

Quantity:	100 µL
Target:	Epiregulin (EREG)
Binding Specificity:	AA 144-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Epiregulin antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Proepiregulin protein (144-160aa)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	Epiregulin (EREG)
Alternative Name:	EREG ( <a href="#">EREG Products</a> )
Background:	Background: Ligand of the EGF receptor/EGFR and ERBB4. Stimulates EGFR and ERBB4 tyrosine phosphorylation (PubMed:9419975). Contributes to inflammation, wound healing,

## Target Details

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tissue repair, and oocyte maturation by regulating angiogenesis and vascular remodeling and by stimulating cell proliferation (PubMed:24631357).

Aliases: Proepiregulin [Cleaved into: Epiregulin (EPR)], EREG

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UniProt: [O14944](#)

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Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Regulation of Muscle Cell Differentiation](#)

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## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Preservative: ProClin

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

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Storage: -20 °C,-80 °C

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

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