

Anti-Pro-epidermal growth factor EGF Antibody

Catalog Number: A00378-2

About EGF

This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

David A. Jans, J. Biol. Chem., Nov 1996; 271: 30781.

Eugene Estella, Diabetes, Aug 2006; 55: 2212 - 2219.

Yong Gu, J. Biol. Chem., May 1996; 271: 10816.

Jiuru Sun, J. Biol. Chem., Nov 1996; 271: 27802.

Overview

Product Name	Anti-Pro-epidermal growth factor EGF Antibody
Reactive Species	Human
Description	Boster Bio Anti-Pro-epidermal growth factor EGF Antibody catalog # A00378-2. Tested in WB,IHC,IP applications. This antibody reacts with Human.
Application	IP, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01133

Technical Details

Immunogen	Synthesized peptide derived from human CREB-2 around the phosphorylation site of S219.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	Does not cross-react with eNOS or nNOS.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:1,000 IHC: 1:50-1:100 IP: 1:10-1:50

Anti-Pro-epidermal growth factor EGF Antibody (A00378-2) Images

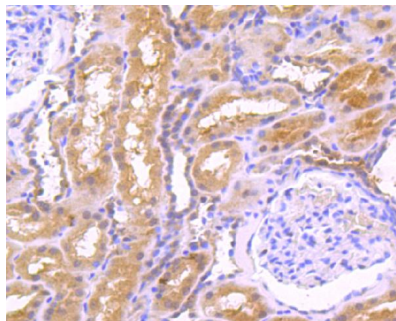


Figure 1. Immunohistochemistry validation of EGF using Anti-Pro-epidermal growth factor EGF Antibody (A00378-2).

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-EGF antibody. Counter stained with hematoxylin.

For more protocol information of IHC

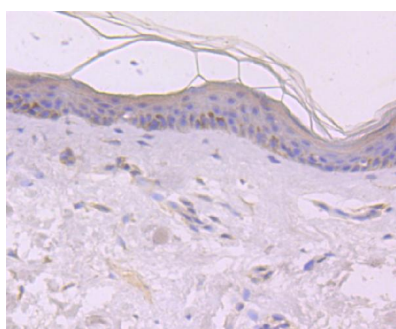


Figure 2. Immunohistochemistry validation of EGF using Anti-Pro-epidermal growth factor EGF Antibody (A00378-2).

Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-EGF antibody. Counter stained with hematoxylin.

For more protocol information of IHC

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