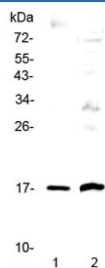


## Epigen Antibody / EPGN (R32987)

Catalog No.	Formulation	Size
R32987	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q6UW88
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This Epigen antibody is available for research use only.



Western blot testing of 1) human A431 and 2) rat PC-12 cell lysate with Epigen antibody at 0.5ug/ml. Predicted molecular weight ~17 kDa.

## Description

Epigen, also known as Epithelial mitogen, is a protein that in humans is encoded by the EPGN gene. The protein encoded by this gene is a member of the epidermal growth factor family. Members of this family are ligands for the epidermal growth factor receptor and play a role in cell survival, proliferation and migration. This protein has been reported to have high mitogenic activity but low affinity for its receptor. Expression of this transcript and protein have been reported in cancer specimens of the breast, bladder, and prostate.

## Application Notes

Optimal dilution of the Epigen antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids A23-K110 was used as the immunogen for the Epigen antibody.

## Storage

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