



Epigen Polyclonal Antibody

Catalog No	YP-Ab-16069
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	EPGN
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human EPGN. AA range:11-60
Specificity	Epigen Polyclonal Antibody detects endogenous levels of Epigen protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Epigen;EPGN;Epithelial mitogen;EPG
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	[Isoform 1]: Membrane ; Single-pass type I membrane protein .; [Isoform 2]: Membrane ; Single-pass type I membrane protein .; [Isoform 3]: Secreted .; [Isoform 4]: Secreted .; [Isoform 5]: Secreted .; [Isoform 6]: Secreted .
Tissue Specificity	
Function	function:Promotes the growth of epithelial cells. May stimulate the phosphorylation of EGFR and mitogen-activated protein kinases., similarity:Contains 1 EGF-like domain.,
Background	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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012],

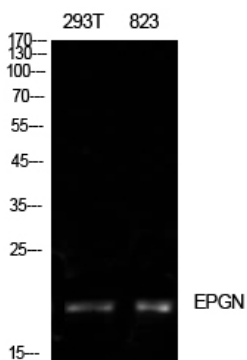
matters needing attention

Avoid repeated freezing and thawing!

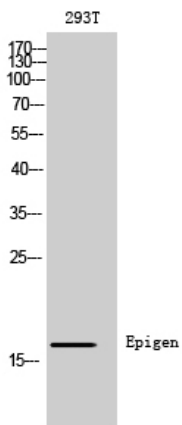
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of 293T, 823 cells using Epigen Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of 293T cells using Epigen Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000