
Product Name: NGEF Rabbit Polyclonal Antibody**Catalog #: APRab14675**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	105kDa

Antigen Information

Gene Name	ANO7 ANO7; NGEF; PCANAP5; TMEM16G; Anoctamin-7; Dresden transmembrane protein of the prostate; D-TMPP; IPCA-5; New gene expressed in prostate; Prostate cancer-associated protein 5; Transmembrane protein 16G
Alternative Names	
Gene ID	50636.0
SwissProt ID	Q6IWH7
Immunogen	The antiserum was produced against synthesized peptide derived from human TM16G. AA range:881-930

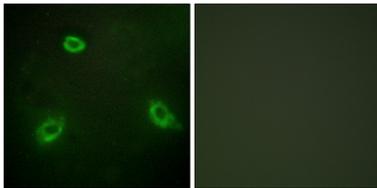
Background

This prostate-specific gene encodes a cytoplasmic protein, as well as a polytopic membrane protein which may serve as a target in prostate cancer diagnosis and immunotherapy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2011],caution:It is uncertain whether Met-1 or Met-55 is the initiator.,function:May act as a calcium-activated chloride channel. May play a role in cell-cell interactions.,induction:Up-regulated by androgen.,similarity:Belongs to the anoctamin family.,subcellular location:Concentrates at sites of cell-cell contact.,tissue specificity:Specifically expressed in epithelial cells of the prostate (at protein level),

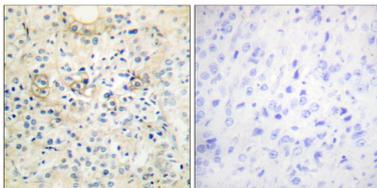
Research Area

Signal Transduction; Metabolism; Plasma Membrane; Channels

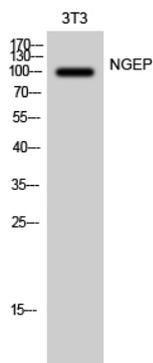
Image Data



Immunofluorescence analysis of HepG2 cells, using TM16G Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using TM16G Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using NGEF Polyclonal Antibody diluted at 1 : 1000