

Immunotag™ NGEF Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3113
Product Description	Immunotag™ NGEF Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NGEF
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human TM16G. AA range:881-930
Specificity	NGEF Polyclonal Antibody detects endogenous levels of NGEF protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	ANO7
Accession No.	Q6IWH7 Q14AT5
Alternate Names	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

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Description	anoctamin 7(ANO7) Homo sapiens 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],
Protein Expression	Pancreas,
Subcellular Localization	intracellular,nucleus,endoplasmic reticulum,cytosol,plasma membrane,integral component of membrane,cell junction,
Protein Function	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).,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.