

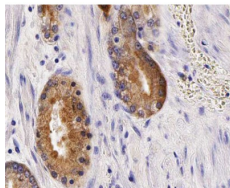
TM16G Ab

Cat.#: AF0648
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 105kDa
Clonality: Polyclonal

Application:	IHC 1:50-1:200 IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	TM16G Ab detects endogenous levels of TM16G.
Immunogen:	A synthesized peptide derived from human TM16G.
Uniprot:	Q6IWH7
Description:	May act as a calcium-activated chloride channel. May play a role in cell-cell interactions.
Subcellular Location:	Cytoplasm > cytosol and Cell membrane. Cell junction. Endoplasmic reticulum. Concentrates at sites of cell-cell contact. Shows an intracellular localization according to PubMed:22075693 and PubMed:20056604.
Tissue Specificity:	Specifically expressed in epithelial cells of the prostate (at protein level).
Similarity:	Belongs to the anoctamin family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



AF0648 at 1/100 staining human Prostate tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF0648 staining MCF-7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab (Cat.# S0006), diluted at 1/600, was used as secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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