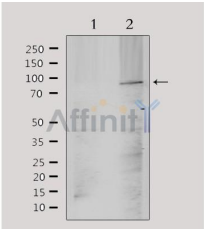
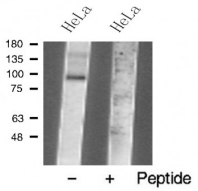
TM16J Ab

Cat.#: AF0301	Concn.: 1mg/ml	Mol.Wt.: 90kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

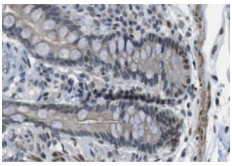
Application:	IHC 1:50-1:200 IF/ICC 1:100-1:500, WB 1:500-1:2000
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	TM16J Ab detects endogenous levels of TM16J.
Immunogen:	A synthesized peptide derived from human TM16J.
Uniprot:	A1A5B4
Description:	May act as a calcium-activated chloride channel.
Subcellular Location:	Membrane.
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.



Western blot analysis of extracts from mouse brain, using TM16J Ab. Lane 1 was treated with the antigen-specific peptide.



Western blot analysis of TM16J Ab expression in Hela cells lysates.The lane on the right is treated with the antigen-specific peptide.



AF0301 at 1/100 staining human colon 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.

AF0301 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.