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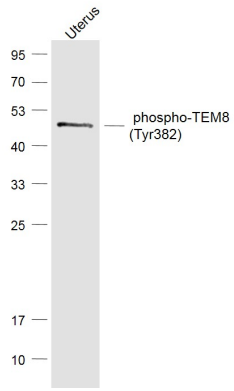
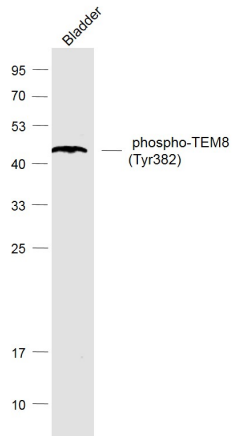
phospho-TEM8 (Tyr382) Rabbit pAb

Catalog Number:	bs-5210R
Target Protein:	phospho-TEM8 (Tyr382)
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Mouse (predicted:Human, Rat, Rabbit, Pig, Sheep, Chicken)
Predicted MW:	45 kDa
Entrez Gene:	84168
Swiss Prot:	Q9H6X2
Source:	KLH conjugated Synthesised phosphopeptide derived from human ANTXR1 around the phosphorylation site of Tyr382: AS(p-Y)YG.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. The encoded protein has been shown to also be a docking protein or receptor for Bacillus anthracis toxin, the causative agent of the disease, anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxin, to this receptor protein mediates delivery of toxin components to the cytosol of cells. Once inside the cell, the other two components of anthrax toxin, edema factor (EF) and lethal factor (LF) disrupt normal cellular processes. Three alternatively spliced variants that encode different protein isoforms have been described. [provided by RefSeq, Oct 2008]

VALIDATION IMAGES



Sample: Uterus (Mouse) Lysate at 40 ug Primary: Anti-phospho-TEM8 (Tyr382)(bs-5210R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 45 kD



Sample: Bladder (Mouse) Lysate at 40 ug Primary: Anti-phospho-TEM8 (Tyr382)(bs-5210R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 45 kD