TERF2 (Phospho Thr188) Rabbit pAb

CatalogNo: YP1751

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Rat	• WB

MW	Isotype
• 55kD (Calculated)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human TRF2 (Phospho-Thr188)
Specificity	This antibody detects endogenous levels of TRF2 (Phospho-Thr188) at Human, Mouse,Rat.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):TLtEA

Target Information

Gene name TERF2 TRBF2 TRF2

Protein Name TRF2 (Phospho-Thr188)

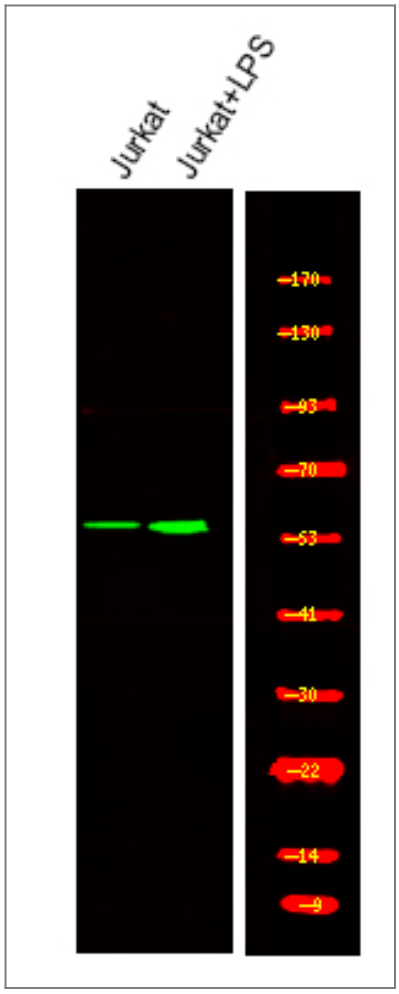
Organism	Gene ID	UniProt ID
Human	7014;	Q15554;
Mouse	21750;	O35144;

Cellular Localization Nucleus . Chromosome , telomere . Colocalizes with telomeric DNA in interphase cells and is located at chromosome ends during metaphase.

Tissue specificity Ubiquitous. Highly expressed in spleen , thymus , prostate , uterus , testis , small intestine , colon and peripheral blood leukocytes.

Function Function:Binds the telomeric double-stranded TTAGGG repeat. Protects against end-to-end fusion of chromosomes and plays a role in successful progression through the cell division cycle. Component of the shelterin complex (telosome) that is involved in the regulation of telomere length and protection. Shelterin associates with arrays of double-stranded TTAGGG repeats added by telomerase and protects chromosome ends; without its protective activity , telomeres are no longer hidden from the DNA damage surveillance and chromosome ends are inappropriately processed by DNA repair pathways. ,PTM:Phosphorylated upon DNA damage , probably by ATM or ATR. ,similarity:Contains 1 HTH myb-type DNA-binding domain. ,subcellular location:Colocalizes with telomeric DNA in interphase cells and is located at chromosome ends during metaphase. ,subunit:Homodimer. Component of the shelterin complex (telosome) composed of TERF1 , TERF2 , TINF2 , TERF2IP ACD and POT1. Binds to RAP1. Interacts with NBN. ,tissue specificity:Ubiquitous. Highly expressed in spleen , thymus , prostate , uterus , testis , small intestine , colon and peripheral blood leukocytes. ,

Validation Data



Western Blot analysis of various,using primary antibody at 1:1000 dilution. Secondary antibody (catalog#:RS23920) was diluted at 1:10000

Contact information

Orders:	order@immunoway.com
Support:	tech@immunoway.com
Telephone:	877-594-3616 (Toll Free), 408-747-0185
Website:	http://www.immunoway.com
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information: **TERF2 (Phospho Thr188) Rabbit pAb**

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