

bs-10421R**[Primary Antibody]****phospho-NLK (Thr298) Rabbit pAb****Bioss**
ANTIBODIES

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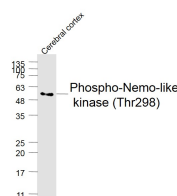
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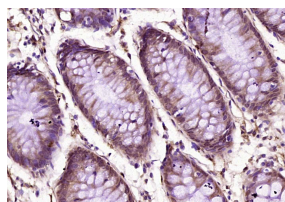
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 51701	SWISS: Q9UBE8	IHC-F (1:100-500)
Target: NLK (Thr298)		IF (1:100-500)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human Nemo-like kinase around the phosphorylation site of Thr298: HM(p-T)QE.		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken)
Purification: affinity purified by Protein A		Predicted MW.: 58 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted ,Cytoplasm
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: Nemo-like kinase (NLK) plays a role in cell fate determination and is required for differentiation of bone marrow stromal cells. It acts downstream of MAP3K7 and HIPK2 to negatively regulate the canonical Wnt/beta-catenin signaling pathway and the phosphorylation and destruction of the MYB transcription factor. It may suppress a wide range of transcription factors by phosphorylation of the coactivator, CREBBP. (referenced from swissprot)		

— VALIDATION IMAGES —

Sample: Cerebral cortex (Mouse) Lysate at 40 ug
 Primary: Anti- Phospho-Nemo-like kinase (Thr298) (bs-10421R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD
 Observed band size: 58 kD



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-Nemo-like kinase (Thr298)) Polyclonal Antibody, Unconjugated (bs-10421R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.