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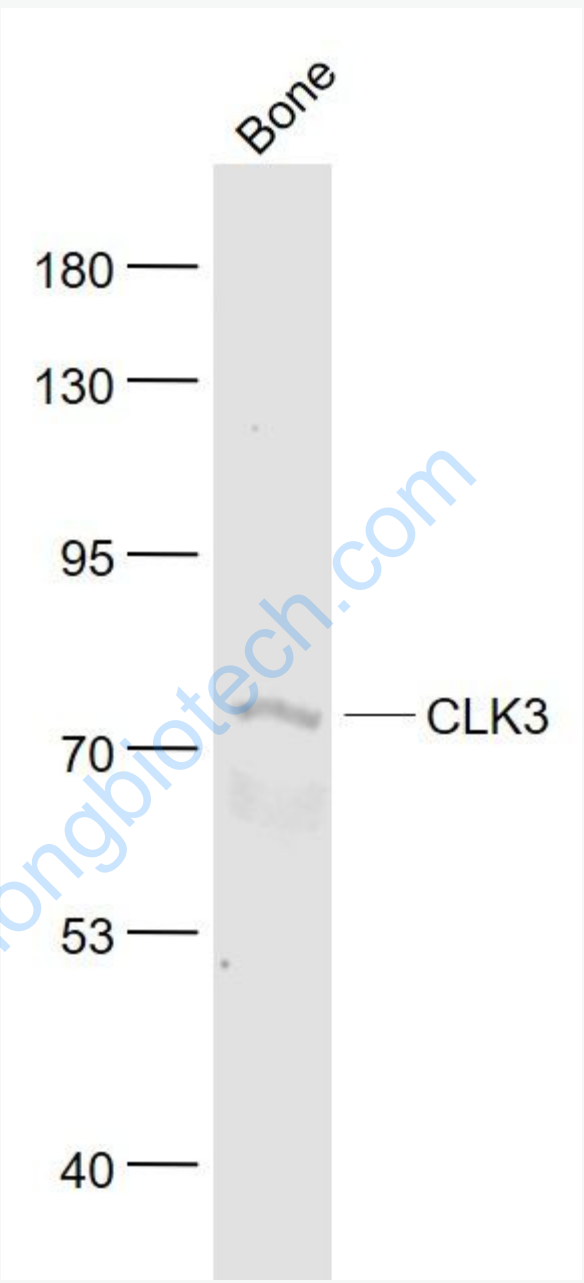
Rabbit Anti-CLK3 antibody

SL7908R

Product Name:	CLK3
Chinese Name:	细胞分裂周期样激酶3抗体
Alias:	CDC like kinase 3; CDC-like kinase 3; CLK3; CLK3_HUMAN; Dual specificity protein kinase CLK3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	73kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CLK3:321-410/638
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex. May be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing. Phosphorylates serines, threonines and tyrosines. **Function:** Dual specificity kinase acting on both serine/threonine and tyrosine-containing

	substrates. Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex. May be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing and can cause redistribution of SR proteins from speckles to a diffuse nucleoplasmic distribution. Phosphorylates SRSF1 and SRSF3. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells. **Subcellular Location:** Isoform 1: Nucleus. Cytoplasm (By similarity). Cytoplasmic vesicle, secretory vesicle, acrosome (By similarity). Isoform 2: Nucleus speckle. Note=Co-localizes with serine- and arginine-rich (SR) proteins in the nuclear speckles. **Tissue Specificity:** Endothelial cells. **Post-translational modifications:** Autophosphorylates on all three types of residues (By similarity). **Similarity:** Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. Lammer subfamily. Contains 1 protein kinase domain. **SWISS:** P49761 **Gene ID:** 1198 **Database links:** UniProtKB/Swiss-Prot: P49761.3 **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: Bone (Mouse) Lysate at 40 ug Primary: Anti- CLK3 (SL7908R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 73 kD

	Observed band size: 73 kD