

Product Datasheet

Cdk9 Antibody - BSA Free NB120-10874

Unit Size: 0.05 ml

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NB120-10874

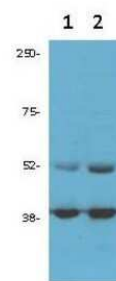
Cdk9 Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	Serum
Purity	Delipidation and Defibrination
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was prepared from monospecific antiserum by delipidation and defibrination</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	1025
Gene Symbol	CDK9
Species	Human, Mouse
Reactivity Notes	Antiserum will specifically react with a 43 kDa Cdk9 (PITALRE) protein from human, rat and mouse tissue. No reaction was observed against other related cyclin dependent kinases. Cross reactivity with Cdk9 (PITALRE) from other species may also occur. The murine cDNA is shown to be 98% identical with human. For immunohistochemistry use paraffin embedded tissue.
Specificity/Sensitivity	No reaction was observed against other related cyclin dependent kinases.
Immunogen	Multiple synthetic peptides corresponding to C-terminal and N-terminal domains of the protein coded by the human gene Cdk9 (PITALRE). (Uniprot: P50750)
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA 1:10000-1:50000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin 1:10-1:500, Dot Blot
Application Notes	This antibody has been tested for use in ELISA, immunoprecipitation, immunocytochemistry, and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 43 kDa corresponding to CDK9 (PITALRE) by western blotting in the appropriate cell lysate or extract. HeLa cells may be used as a positive control.

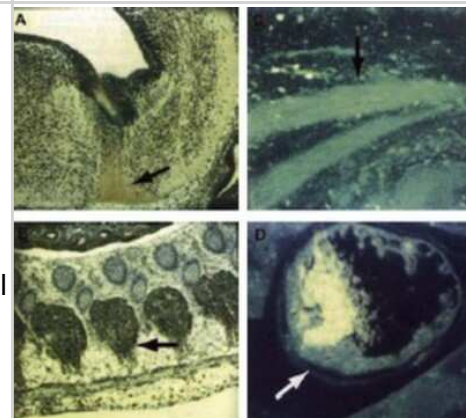


Images

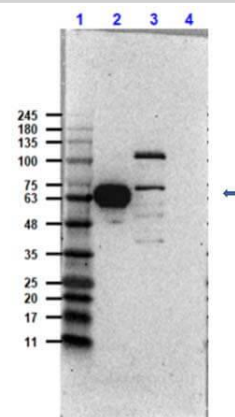
Western Blot: Cdk9 Antibody [NB120-10874] - 1) PC3 and 2) DU145 prostate cancer cells (50ug per lane). Bands at the expected MW of 55 and 42 Kda were detected. Personal communication Flavio Rizzolio, Temple University



Immunocytochemistry/Immunofluorescence: Cdk9 Antibody [NB120-10874] - Immunocytochemical staining of mouse tissue using anti-cdk9 (PITALRE) antiserum. The staining shows the location of mcdk9/PITALRE protein in developing mouse tissue. Arrows indicate areas of high expression. Panel A: Peroxidase-DAB immunostaining of mcdk9/PITALRE protein in the developing mouse brain in the differentiated region of the medulla oblongata just below the fourth ventricle. Similar staining is shown in Panel B in the dorsal root ganglia. Panel C: Fluorescein immunofluorescence of mcdk9/PITALRE in skeletal muscle. Similar staining is shown in Panel D in cardiac muscle. Other detection systems should yield similar results.



Western Blot Results of Anti-Cdk9 Antibody. Lane 1: Opal Prestined Molecular Weight Marker





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Products Related to NB120-10874

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-86808PEP	Cdk9 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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