

NBS1 Polyclonal Antibody

Catalog NumberPA5-19525

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	1:1,000-1:5,000
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 700 to the C-terminus of Human p95 NBS1.	Immunocytochemistry (ICC/IF)	1 µg/mL
		* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody is predicted to react with chicken and dog based on sequence homology.

Background/Target Information

The p95 gene (identical to NBS1 and nibrin) is a member of the hMre11/hRad50 double-strand break complex. This protein complex has been implicated in Nijmegen breakage syndrome, an autosomal recessive disorder marked by increased cancer incidence, cell cycle checkpoint deficits, and ionizing radiation sensitivity, thus revealing a direct molecular link between double-strand break repair and cell cycle checkpoint functions.

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Product Images For NBS1 Polyclonal Antibody



NBS1 Antibody (PA5-19525) in WB

Western blot analysis of HeLa Nuclear Lysate using Product # PA5-19525, p95 NBS1 primary antibody at a dilution of 1 µg/mL. Blot treated with a secondary IR Dye680-conjugated Goat polyclonal anti-Rabbit antibody was used at a dilution of 1:10000.

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