

Nucleostemin Polyclonal Antibody

Catalog NumberPA1-25712

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Chicken / IgY	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	Synthetic peptide corresponding to residues 1-280 of human E2IG3.	* 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	1 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

PA1-25712 detects E2IG3 from human, mouse, and rat samples. PA1-25712 has been successfully used in Western blot procedures. The PA1-25712 immunogen is a synthetic peptide corresponding to residues 1-280 of human E2IG3.

Background/Target Information

Arylsulfatase F, also known as ARSF, is a 590 amino acid secretory protein that belongs to the sulfatase family of bone and cartilage matrix proteins. Arylsulfatase F uses calcium as a cofactor to catalyze reactions that are important in maintaining correct bone composition. The activity of Arylsulfatase F, unlike that of other family members, such as Arylsulfatase E, is not inhibited by warfarin. The gene encoding Arylsulfatase F maps to human chromosome X, which contains nearly 153 million base pairs and houses over 1,000 genes. In conjunction with chromosome Y, chromosome X is responsible for sex determination. There are a number of conditions related to an abnormal number and combination of sex chromosomes, some of which include Turner's syndrome, color blindness, hemophilia and Duchenne muscular dystrophy.

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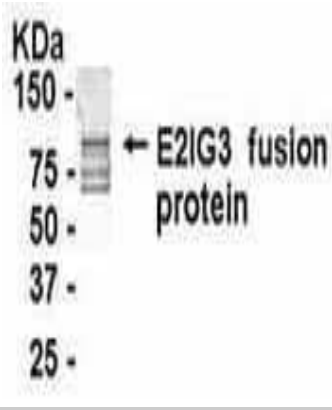
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Nucleostemin Antibody (PA1-25712) in WB

Western blot analysis of E2IG3 in E coli derived fusion protein using an E2IG3 polyclonal antibody (Product # PA1-25712).



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