

MSI1 Polyclonal Antibody

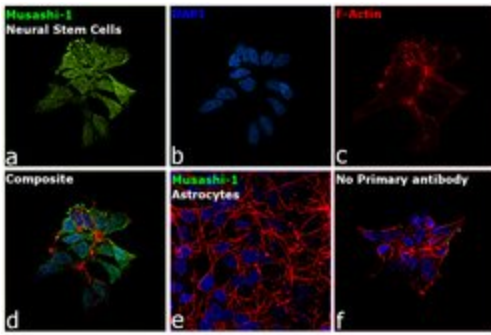
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat, Zebrafish
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues of human Musashi
Form	Liquid
Concentration	15 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage Conditions	-20°C
RRID	AB_10980828

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:25-1:50	-
Immunofluorescence (IF)	1:25-1:50	-
RNA Immunoprecipitation (RIP)	2.5 µg/10 ⁶ cells	-
Western Blot (WB)	1:1000	-

Product Specific Information

It is not recommended to aliquot this antibody.

Advanced Verification Data

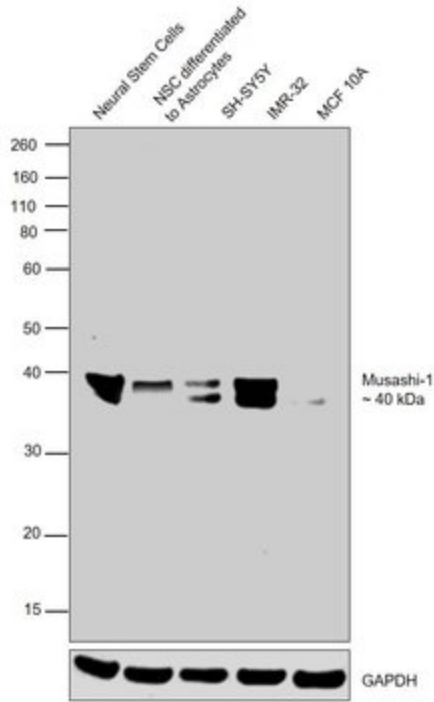


MSI1 Antibody (PA5-17464)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-MSI1 Polyclonal Antibody (Product # PA5-17464) shows increased expression of Musashi-1 in Neural Stem Cells when compared to Neural Stem Cells differentiated to Astrocytes. Relative expression validation info.

MSI1 Antibody (PA5-17464)

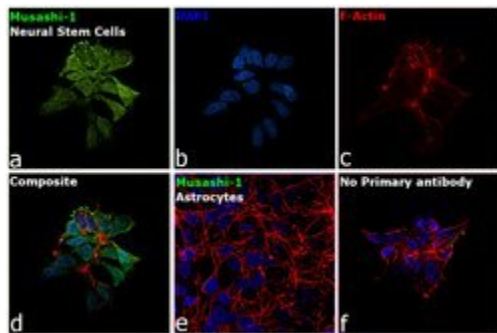
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. The expression was observed in Neural Stem Cells, SH-SY5Y and IMR-32 and decreased in Neural Stem Cells differentiated to Astrocytes and MCF 10A using MSI1 Polyclonal Antibody (Product # PA5-17464) in Western Blot. Relative expression validation info.



Product Images For MSI1 Polyclonal Antibody

MSI1 Antibody (PA5-17464) in IF

Immunofluorescence analysis of Musashi-1 was performed using 70% confluent log phase Neural Stem cells. The cells were fixed with 4% Paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 10 minutes at room temperature. The cells were labeled with MSI1 Polyclonal Antibody (Product # PA5-17464) at 1:50 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, Alexa Fluor 488 (Product # A27034, 1:2000 dilution) for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear and cytoplasmic localization. Panel e represents Neural Stem Cells differentiated to Astrocytes having no expression of Musashi-1. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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