

MSI1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues of human Musashi
Form	Liquid
Concentration	7 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

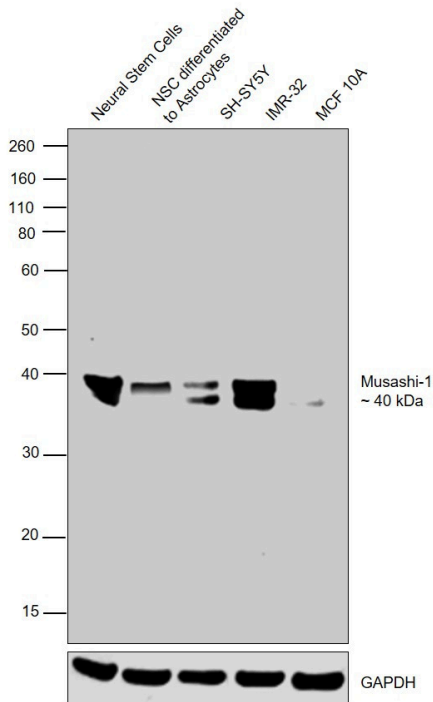
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:25-1:50	-
RNA Immunoprecipitation (RIP)	2.5 µg/10^6 cells	-

Product Specific Information
It is not recommended to aliquot this antibody.

Product Images For MSI1 Polyclonal Antibody

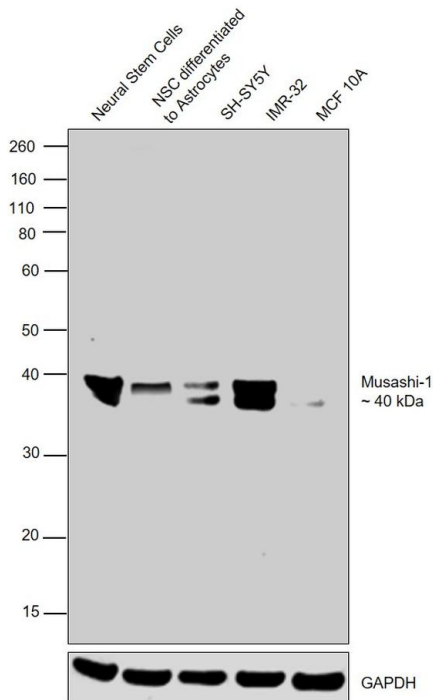
MSI1 Antibody (PA5-17464)

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. {RE}



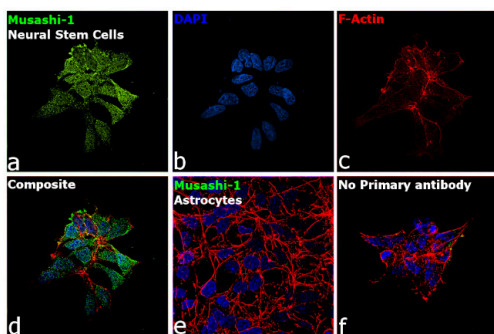
MSI1 Antibody (PA5-17464) in WB

Western blot was performed using Anti-MSI1 Polyclonal Antibody (Product # PA5-17464) and a 40 kDa band corresponding to Musashi-1 was observed in Neural Stem Cells, SH-SY5Y and IMR-32 and decreased in Neural Stem Cells differentiated to Astrocytes and MCF 10A. Whole cell extracts (30 µg lysate) of Neural Stem Cells (Lane 1), Neural Stem Cells differentiated to Astrocytes (Lane 2), SH-SY5Y (Lane 3), IMR-32 (Lane 4) and MCF 10A (Lane 5) were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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. {RE}



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