

Aspartoacylase Polyclonal Antibody

Catalog NumberPA5-35320

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Flow Cytometry (Flow)	1:10-1:50
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Immunogen	KLH conjugated synthetic peptide between 82-110 amino acids from the N-terminal region of human ASPA	Western Blot (WB)	1:1,000
		Immunocytochemistry (ICC/IF)	1:10-1:50
Conjugate	Unconjugated	* 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.	
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine based on sequence homology.

Background/Target Information

ASPA is an enzyme that catalyzes the conversion of N-acetyl\_L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter. This protein is an NAA scavenger in other tissues.

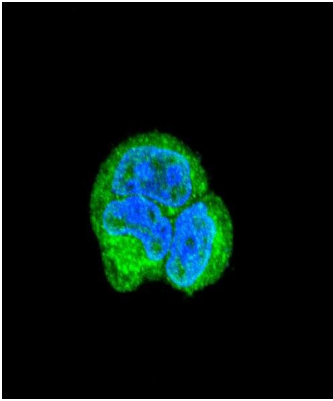
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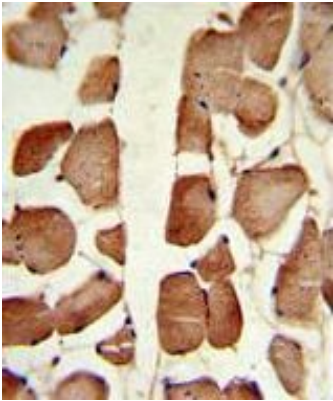
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Product Images For Aspartoacylase Polyclonal Antibody



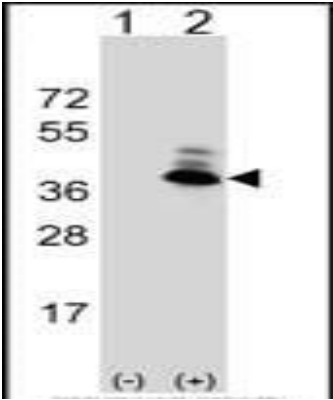
Aspartoacylase Antibody (PA5-35320) in ICC/IF

Immunofluorescent analysis of Aspartoacylase in MCF-7 cells using an Aspartoacylase polyclonal antibody (Product # PA5-35320) followed by detection using a fluorescent conjugated secondary antibody (green). Nuclei were stained with Dapi (blue).



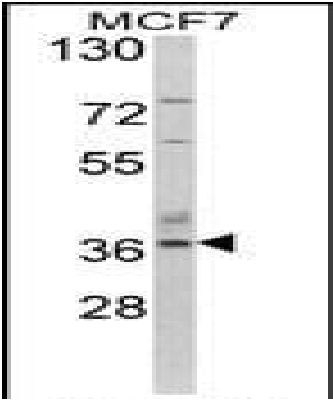
Aspartoacylase Antibody (PA5-35320) in IHC (P)

Immunohistochemistry analysis of Aspartoacylase in formalin-fixed, paraffin-embedded human skeletal muscle tissue using an Aspartoacylase polyclonal antibody (Product # PA5-35320) followed by DAB staining.



Aspartoacylase Antibody (PA5-35320) in WB

Western blot analysis of Aspartoacylase in 293 cell lysate (2 µg/lane) either nontransfected (lane 1) or transiently transfected (lane 2) with the ASPA gene using an Aspartoacylase polyclonal antibody (Product # PA5-35320).



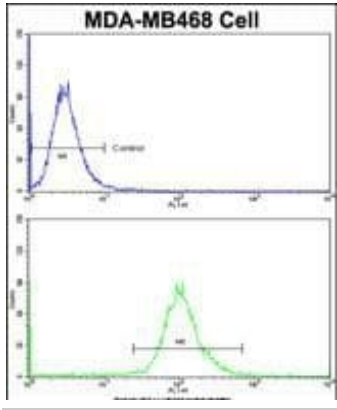
Aspartoacylase Antibody (PA5-35320) in WB

Western blot analysis of Aspartoacylase in MCF7 cell lysate (35 µg/lane) using an Aspartoacylase polyclonal antibody (Product # PA5-35320).

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**Aspartoacylase Antibody (PA5-35320) in Flow**

Flow cytometry analysis of Aspartoacylase in MDA-MB468 cells (bottom) compared to a negative control (top) using an Aspartoacylase polyclonal antibody (Product # PA5-35320) followed by detection using a FITC-conjugated goat-anti-rabbit secondary antibody.

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