

Product Datasheet

Caldesmon/CALD1 Antibody (CALD1/7024R) NBP3-49544

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-49544**Caldesmon/CALD1 Antibody (CALD1/7024R)**

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CALD1/7024R
Preservative	No Preservative
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	150 kDa
Product Description	
Description	Prepared in 10mM PBS WITHOUT BSA & azide at 1.0mg/ml. Also available with 0.05% BSA & 0.05% azide. Antibody with azide - store at 2 to 8 C. Antibody without azide - store at -20 to -80 C. Antibody is stable for 24 months. Non-hazardous.
Host	Rabbit
Gene ID	800
Gene Symbol	CALD1
Species	Human
Specificity/Sensitivity	Recognizes a protein of 150kDa, which is identified as the high molecular weight variant of Caldesmon. Two closely related variants of human caldesmon have been identified which are different in their electrophoretic mobility and cellular distribution. The h-caldesmon variant (120 150kDa) is predominantly expressed in smooth muscle whereas l-caldesmon (70 80kDa) is found in non- muscle tissue and cells. Neither of the two variants has been detected in skeletal muscle. This antibody recognizes only the 150kDa variant (h-caldesmon) in Western blots of human aortic media extracts and is unreactive with fibroblast extracts from cultivated human foreskin.
Immunogen	Recombinant human full-length CALD1 protein (Uniprot: Q05682)
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry





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Products Related to NBP3-49544

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00000800-P01-10ug	Recombinant Human Caldesmon/CALD1 GST (N-Term) Protein
NBP2-74969	Human Caldesmon/CALD1 ELISA Kit (Colorimetric)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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