

Product Datasheet

CALD1 Antibody (orb1410347)

Catalog Number	orb1410347
Category	Antibodies
Description	Rabbit monoclonal antibody to Caldesmon, HMW (h-Caldesmon) (Smooth Muscle Marker)
Target	CALD1
Clonality	Monoclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	200ug/ml of Ab purified by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Immunogen	Recombinant human full-length CALD1 protein
UniProt ID	Q05682
MW	150kDa
Tested applications	IHC, WB
Specificity	High-molecular-weight caldesmon (isoform 1) is predominantly expressed in smooth muscles, whereas low-molecular-weight caldesmon (isoforms 2, 3, 4 and 5) are widely distributed in non-muscle tissues and cells. Not expressed in skeletal muscle or heart.

Biorbyt Ltd.

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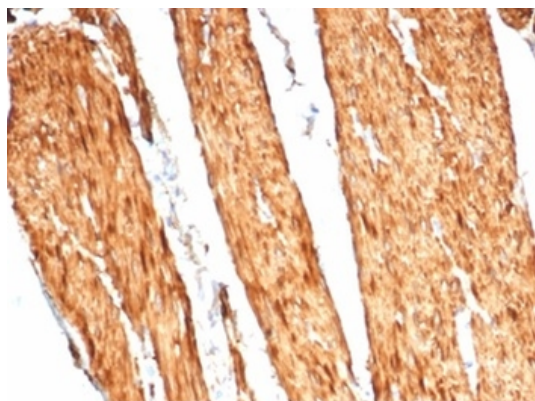
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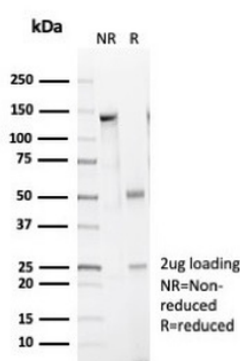
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Antibody Type	Recombinant Antibody
Clone Number	CALD1/7024R
Expression System	HEK293 cells
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Formalin-fixed, paraffin-embedded human colon stained with h-CALD Rabbit Recombinant Monoclonal Antibody (CALD1/7024R).
HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.



SDS-PAGE Analysis Purified h-CALD Rabbit Recombinant Monoclonal Antibody (CALD1/7024R). Confirmation of Integrity and Purity of Antibody.

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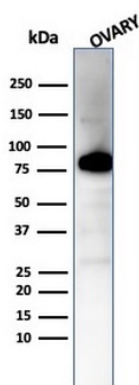
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Western blot analysis of human ovary tissue lysate using h-CALD Rabbit Recombinant Monoclonal Antibody (CALD1/7024R).

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