

## Product Datasheet

### CALD1 Antibody (orb388801)

<b>Catalog Number</b>	orb388801
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit monoclonal antibody to CALD1
<b>Target</b>	CALD1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Rat
<b>Form/Appearance</b>	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.
<b>Immunogen</b>	Recombinant human full-length CALD1 protein
<b>UniProt ID</b>	<b>Q05682</b>
<b>MW</b>	150kDa
<b>Tested applications</b>	WB
<b>Dilution range</b>	FACS: 0.5-1 µg/million cells, IF/ICC: 1-2 µg/ml, IHC-P: 1-2 µg/ml
<b>Application notes</b>	Caldesmon, HMW (h-Caldesmon) (Smooth Muscle Marker)

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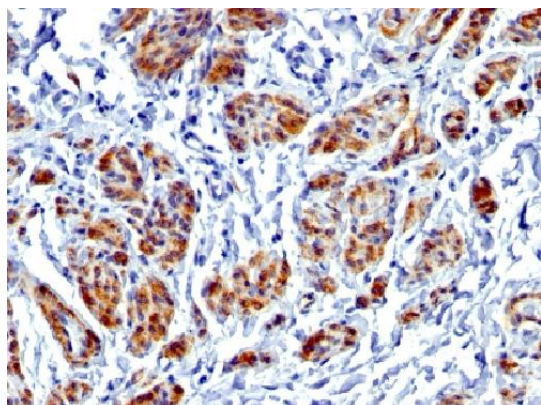
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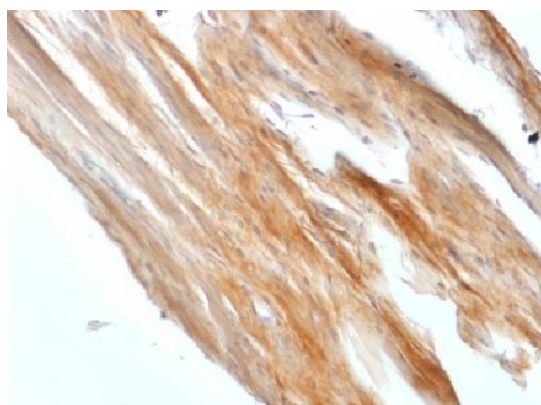
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<b>Specificity</b>	High-molecular-weight caldesmon (isoform 1) is predominantly expressed in smooth muscles, whereas low-molecular-weight caldesmon (isoforms 2, 3, 4 and 5) are widely distributed in non-muscle tissues and cells. Not expressed in skeletal muscle or heart.
<b>Antibody Type</b>	Recombinant Antibody
<b>Clone Number</b>	CALD1/1424R
<b>Expression System</b>	HEK293 cells
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Immunohistochemical staining of CALD1 antibody



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