

Caldesmon Antibody | anti-CDM antibody

Caldesmon (Ab-789) Antibody

CATALOG # AAA111744	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	--	--

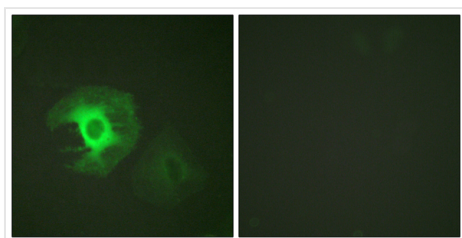
PRODUCT SYNONYMS

Caldesmon; Caldesmon (Ab-789) Antibody; CAD; CALD1; L-caldesmon; Non-muscle caldesmon; anti-CDM antibody

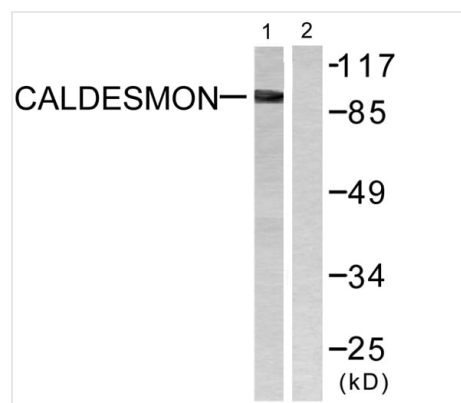
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Caldesmon (Ab-789) antibody detects endogenous levels of total Caldesmon protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	538
Applicable Applications for anti-CDM antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Caldesmon around the phosphorylation site of serine 789 (V-T-SP-P-T).
Preparation and Storage	Store at -20 degree C for 1 year.

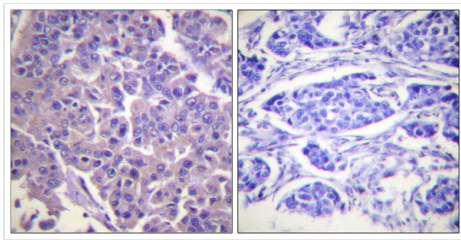
IMAGES


IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HeLa cells, using Caldesmon (Ab-789) antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Caldesmon (Ab-789) antibody. Western blot analysis of extracts from HeLa cells, treated with EGF (200ng/ml, 30mins), using Caldesmon (Ab-789) antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-CDM antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Robert Eves, J. Cell Sci., May 2006; 119: 1691-1702. Shigeko Yamashiro, Mol. Biol. Cell, Jan 2001; 12: 239. KS Warren, J. Cell Biol., Apr 1994; 125: 359.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826657
NCBI GeneID	800
NCBI Accession #	NP_004333.1
NCBI GenBank Nucleotide #	NM_004342.6
UniProt Accession #	Q05682; Q13978; Q13979; Q14741; Q14742; Q9UD91; A8K0X1
Molecular Weight	65,620 Da
NCBI Official Full Name	caldesmon isoform 2
NCBI Official Synonym Full Names	caldesmon 1
NCBI Official Symbol	CALD1
NCBI Official Synonym Symbols	CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22
NCBI Protein Information	caldesmon
UniProt Protein Name	Caldesmon
UniProt Gene Name	CALD1
UniProt Synonym Gene Names	CAD; CDM; CDM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cdm-human-mouse-rat-antibody/caldesmon/111744>