

## Product datasheet for **TA327614**

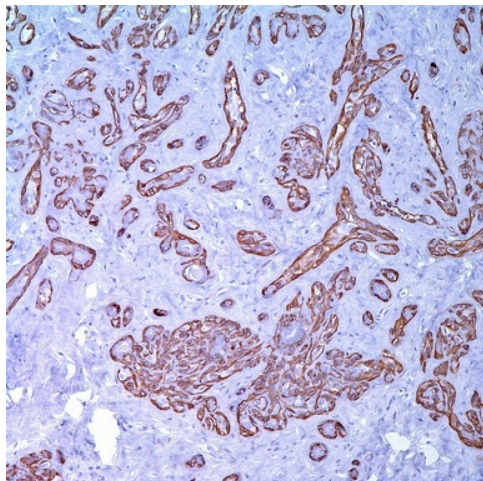
### Calponin (CNN1) Rabbit Monoclonal Antibody [Clone ID: EP798Y]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	EP798Y
Applications:	IHC
Recommended Dilution:	IHC: 1:50 - 1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Formulation:	This antibody is supplied as cell culture supernatant diluted in tris buffered saline, pH 7.3-7.7, with 1% BSA and <0.1% sodium azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	calponin 1
Database Link:	<a href="#">NP_001290</a> <a href="#">Entrez Gene 1264 Human P51911</a>
Synonyms:	HEL-S-14; Sm-Calp; SMCC
Note:	Calponin is a 34 kD polypeptide that interacts with actin, tropomyosin, and calmodulin. It is involved in smooth muscle contraction mechanism and is restricted exclusively to smooth muscle tissue. Anti-calponin has been found to be useful in staining myoepithelium and is therefore useful for differentiating benign sclerosing adenosis of the breast from infiltrating ductal carcinoma. Calponin positivity has also been noted in malignant myoepithelioma and pleomorphic adenoma of salivary gland origin as well as angiomatoid malignant fibrous histiocytoma.



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**Product images:**

Immunohistochemistry staining of Paraffin Appendix tissue by Calponin-1 antibody (dilution: 1:50 - 1:200; visualization of staining: Cytoplasmic)