

Product datasheet

Anti-Calretinin antibody ab702

★★★★☆ 4 Abreviews 34 References 画像数 4

製品の概要

製品名	Anti-Calretinin antibody
製品の詳細	Rabbit polyclonal to Calretinin
由来種	Rabbit
アプリケーション	適用あり: IHC-P, IHC-Fr
種交差性	交差種: Mouse, Rat, Human, Zebrafish 交差が予測される動物種: Chicken, Cat, Dog, Xenopus laevis 
免疫原	Full length protein corresponding to Calretinin.
ポジティブ・コントロール	IHC-P: Mesothelioma. IHC-Fr: Mouse brain, zebrafish retinal tissue and sea cucumber radial nerve cord tissue.
特記事項	Contains a proprietary preservative that is not sodium azide or thimerosal.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Preservative: 0.09% Sodium azide Constituents: PBS, Carrier protein
精製度	Van Gogh Yellow Diluent Whole antiserum
ポリ/モノ	ポリクローナル
ミエローマ	unknown
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab702** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
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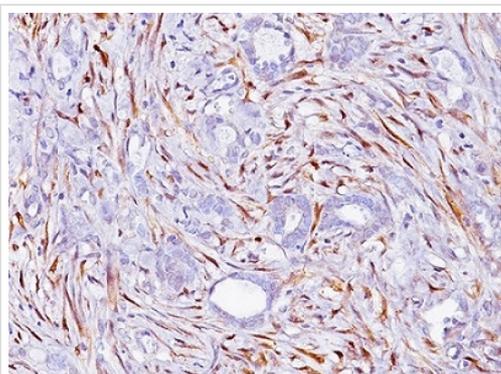
IHC- P ★★☆☆☆☆ Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
For an ABC system, dilute 1/50-1/100 and incubate for 30-60 minutes at RT.

IHC- Fr ★★★★★★ 1/100. PubMed: 20504962
Immunohistochemical studies have recently shown calretinin to be useful in distinguishing mesotheliomas from lung adenocarcinomas. However, it is recommended that a panel of antibodies be used in tandem with calretinin. Other antibodies recommended are CK 5/6, E-cadherin, ESA or BerEP4, CEA, EMA, B72.3, Vimentin and CD15. Calretinin does not mark all mesotheliomas (50-70%).

ターゲット情報

機能 Calretinin is a calcium-binding protein which is abundant in auditory neurons.
組織特異性 Brain.
配列類似性 Belongs to the calbindin family.
Contains 6 EF-hand domains.

画像



Paraffin embedded mesothelioma stained for Calretinin with ab702 (1/100 dilution) in immunohistochemical analysis.

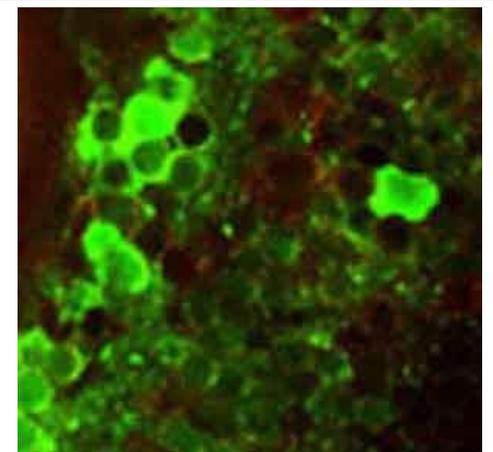
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calretinin antibody (ab702)



Immunohistochemistry (Frozen sections) - Anti-Calretinin antibody (ab702)

This image is courtesy of an Abreview submitted by Bettina Hoerz

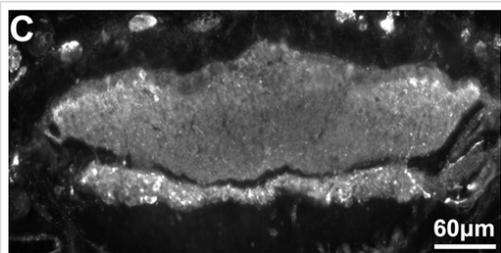
ab702 staining Calretinin in mouse brain tissue sections in immunohistochemistry (IHC-Fr - frozen sections). Tissue was fixed with paraformaldehyde and blocked with 3% serum for 30 minutes at 27°C. Samples were incubated with primary antibody (1/250) for 20 hours at 4°C. A Cy3[®]-conjugated donkey anti-rabbit IgG polyclonal (1/250) was used as the secondary antibody.



Immunohistochemistry (Frozen sections) - Anti-Calretinin antibody (ab702)

Adapted with permission from Cerveny KL et al, Development. 2010 Jul;137(13):2107-15. Epub 2010 May 26, Fig S1.

ab702 staining Calretinin (green) in zebrafish retinal cells by immunohistochemistry (frozen sections). Embryos were first protected by sequential incubation in 15% then 30% sucrose in phosphate-buffered saline supplemented with 0.5% Triton X-100 (PBST) for 12-16 hours at 4°C, then embedded in OCT, stored at -80°C, and sectioned at 16-20 µm using a cryostat. Embryos subjected to whole-mount in situ hybridisation were cleared in serial incubations of glycerol (25, 50, 75 and 95%), the eyes dissected and placed in a drop of glycerol then cover-slipped. Original article: <http://dev.biologists.org/content/137/13/2107.long>



Immunohistochemical analysis of sea cucumber radial nerve cord tissue, staining Calretinin with ab702 at 1/100 dilution.

Immunohistochemistry (Frozen sections) - Anti-Calretinin antibody (ab702)

Image from Díaz-Balzac CA et al., PLoS One. 2012;7(3):e32689. Epub 2012 Mar 7. Fig 1.; doi:10.1371/journal.pone.0032689; March 7, 2012, PLoS ONE 7(3): e32689.

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