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Product datasheet

Anti-Met Enkephalin antibody ab22620

★★★★★ 2 Abreviews 2 References 画像数 2

製品の概要

製品名 Anti-Met Enkephalin antibody

製品の詳細 Rabbit polyclonal to Met Enkephalin

由来種 Rabbit

特異性 Recognizes methionine enkephalin in a wide range of species.

アプリケーション 適用あり: ICC/IF, IHC-P

種交差性 交差種: Human

免疫原 Synthetic peptide corresponding to Met Enkephalin conjugated to keyhole limpet haemocyanin

(Glutaraldehyde). The conjugate was dialysed to remove excess conjugating agent prior to

immunisation. Sequence: YGGF M

Database link: P01210

Run BLAST with

ポジティブ・コントロール Typical test tissues included rat and human brain, rat spinal cord, pig duodenum, guinea pig ileum

(enteric nervous system) and human phaeochromocytoma (adrenomedullary tumour)

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

your needs before purchasing.

If you have any guestions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and Q&As

製品の特性

特記事項

製品の状態 Liquid

保存方法 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

バッファー Preservative: 0.01% Sodium azide

Constituent: Whole serum

精製度 Whole antiserum

Run BLAST with

ΙgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab22620の使用に適用されますアプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/1000.
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Met- and Leu-enkephalins compete with and mimic the effects of opiate drugs. They play a role in	
	a number of physiologic functions, including pain perception and responses to stress. PENK(114-	
	133) and PENK(237-258) increase glutamate release in the striatum. PENK(114-133) decreases	

GABA concentration in the striatum.

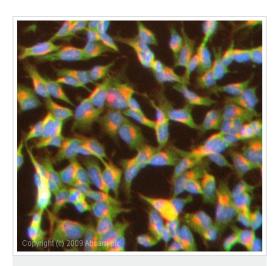
配列類似性 Belongs to the opioid neuropeptide precursor family.

翻訳後修飾 The N-terminal domain contains 6 conserved cysteines thought to be involved in disulfide bonding

and/or processing.

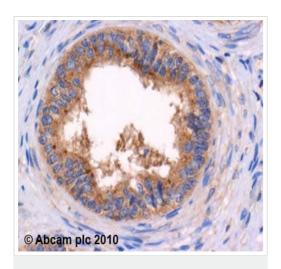
細胞内局在 Secreted.

画像



Immunocytochemistry/ Immunofluorescence - Anti-Met Enkephalin antibody (ab22620)

ICC/IF image of ab22620 stained SHSY5Y cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab22620, 1/1000 dilution) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-Met Enkephalin antibody (ab22620)

ab22620 (4µg/ml) staining met enkephalin in human testis using an automated system (DAKO Autostainer Plus). Using this protocol there is cytoplasmic staining of seminal vesicles.

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H2O2 in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

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