abcam

Product datasheet

Anti-Vasopressin antibody ab68669

★★★★★ 3 Abreviews 4 References 画像数 2

製品の概要

製品名 Anti-Vasopressin antibody

製品の詳細 Rabbit polyclonal to Vasopressin

由来種 Rabbit

アプリケーション 適用あり: IHC-P, ELISA

適用なし: WB

種交差性 交差種: Human

交差が予測される動物種: Mouse, Rat, Sheep, Cow, Cat, Dog, Pig 🔷

免疫原 Synthetic peptide corresponding to Human Vasopressin aa 1-100 conjugated to keyhole limpet

haemocyanin.

(Peptide available as ab68668)

特記事項

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 questions, 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

製品の状態 Liquid

保存方法 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

バッファー pH: 7.40

Preservative: 0.02% Sodium azide

Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising

agent. If you would like information about the formulation of a specific lot, please contact our

scientific support team who will be happy to help.

精製度 Immunogen affinity purified

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アプリケーション

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab68669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
IHC-P		Use a concentration of 1 - 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ELISA		Use a concentration of 0.002 µg/ml.

追加情報

Is unsuitable for WB.

ターゲット情報

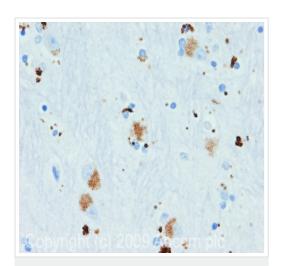
関連性

Vasopressin, also known as arginine vasopressin (AVP) or antidiuretic hormone (ADH), is a posterior pituitary hormone that is synthesised in the hypothalamus. Vasopressin is synthesised as a precursor protein that consists of arginine vasopressin and two associated proteins, neurophysin 2 and the glycopeptide copeptin. Vasopressin, together with its carrier protein neurophysin II, is packaged into neurosecretory vesicles and transported axonally to the nerve endings in the neurohypophysis, where it is either stored or secreted into the bloodstream. Vasopressin acts as a growth factor by enhancing pH regulation through acid-base transport systems. It has a direct antidiuretic action on the kidney and also causes vasoconstriction of the peripheral vessels. Vasopressin can also contract smooth muscle during parturition and lactation. It also plays a role in cognition, tolerance, adaptation and complex sexual and maternal behaviour, as well as in the regulation of water excretion and cardiovascular functions. Mutations in the vasopressin precursor cause autosomal dominant neurohypophyseal diabetes insipidus (ADNDI), which is characterised by persistant thirst, polydipsia and polyuria.

細胞内局在

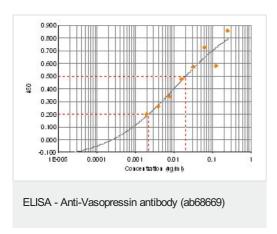
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画像



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-Vasopressin antibody (ab68669)

IHC image of Vasopressin staining in human Hippocampus FFPE section, performed on a BondTM system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab68669 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX



ELISA using ab68669 at varying antibody concentrations. The black line indicates binding to the vasopressin peptide **ab68668**.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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