

Anti-Oxytocin-neurophysin 1 antibody [EPR4665] ab124771

リコンビナント **RabMAb**

画像数 2

製品の概要

製品名 Anti-Oxytocin-neurophysin 1 antibody [EPR4665]

製品の詳細 Rabbit monoclonal [EPR4665] to Oxytocin-neurophysin 1

① This product is a **fast track antibody**. It has been affinity purified and shows high titre values against the immunizing peptide by ELISA.

[Read the terms of use »](#)

由来種 Rabbit

種交差性 **交差種:** Human

免疫原 Synthetic peptide within Human Oxytocin-neurophysin 1 aa 1-100. The exact sequence is proprietary. The immunogen is within the oxytocin cleaved unit.
Database link: **P01178**

特記事項 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

製品の特性

製品の状態 Liquid

保存方法 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

バッファー pH: 7.2

Preservative: 0.05% Sodium azide

Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

精製度 Protein A purified

ポリ/モノ モノクローナル

クローン名	EPR4665
アイソタイプ	IgG

アプリケーション

Fast track antibodies constitute a diverse group of products that have been released to accelerate your research, but are not yet fully characterized. They have all been affinity purified and show high titre values against the immunizing peptide (by ELISA).

Fast track terms of use

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent dilution.

ターゲット情報

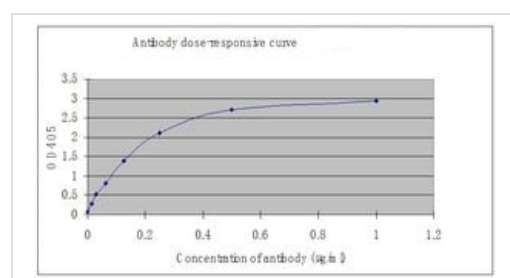
関連性

Neurophysin 1 specifically binds oxytocin. Oxytocin causes contraction of the smooth muscle of the uterus and of the mammary gland. Oxytocin is a posterior pituitary hormone which is synthesized as an inactive precursor in the hypothalamus along with its carrier protein neurophysin I. Together with neurophysin, it 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. Oxytocin contracts smooth muscle during parturition and lactation. It is also involved in cognition, tolerance, adaptation and complex sexual and maternal behaviour, as well as in the regulation of water excretion and cardiovascular functions.

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画像

This Fast-Track antibody is not yet fully characterised. These images represent **inconclusive preliminary data**.



ELISA image demonstrating the relationship between the concentration of antibody and optical density readings.

ELISA - Anti-Oxytocin-neurophysin 1 antibody
[EPR4665] (ab124771)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Oxytocin-neurophysin 1 antibody [EPR4665]
(ab124771)

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

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors