abcam

Product datasheet

Anti-cGMP antibody ab836

2 References

製品の概要

製品名 Anti-cGMP antibody

製品の詳細 Sheep polyclonal to cGMP

由来種 Sheep

特異性 This antibody reacts specifically with cyclic GMP.

アプリケーション 適用あり: ELISA, RIA

免疫原 Full length protein corresponding to cGMP. Succinylated cGMP conjugated to bovine serum

albumin.

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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

パッファー Preservative: 0.01% Sodium azide

精製度 Whole antiserum

ポリ/モノ ポリクローナル

アイソタイプ IgG

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ab836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
ELISA		Use at an assay dependent concentration.
RIA		Use at an assay dependent concentration. Able to detect and quantitate cGMP; 50% binding is achieved with a 1:6,400 dilution.
AP		Use at an assay dependent concentration.

ターゲット情報

関連性

Cyclic guanosine monophosphate (cGMP) serves as a second messenger in a manner similar to that observed with cAMP. Peptide hormones, such as the natriuretic factors, activate receptors that are associated with membrane-bound guanylate cyclase (GC). Receptor activation of GC leads to the conversion of GTP to cGMP. Nitric oxide (NO) also stimulates cGMP production by activating soluble GC, perhaps by binding to the heme moiety of the enzyme. Similar to cAMP, cGMP mediates most of its intracellular effects through the activation of specific cGMP dependent protein kinases (PKG).

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