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Datasheet for ABIN676802 **anti-Morphine antibody (HRP)**

Overview

Quantity:	100 µL
Target:	Morphine
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Morphine antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	KLH conjugated Morphine
Isotype:	IgG
Purification:	Purified by Protein A.

Target Details

Target:	Morphine
Abstract:	Morphine Products
Target Type:	Chemical
Background:	<p>Synonyms: Morphine 6.</p> <p>Background: Morphine is thought to produce reinforcement phenomena via stimulation of mu, delta, and kappa opioid receptors that regulate stress perception, pain control, reward behavior, and neurohormone secretion in reward-relevant brain systems. It has the highest affinity for</p>

Target Details

mu, followed by delta and kappa. Rapid activation of the mu opioid receptor by morphine results in a euphoric phenotype, thus conferring the reinforcing effects of the drug. This activation is accompanied by extracellular dopamine release, which alters several events related to the cAMP signal transduction pathway. Of particular significance is that CREB seems to be modified by morphine, thereby affecting addictive behavioral phenomena, such as withdrawal symptoms.

Application Details

Application Notes:	IHC-P 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months