



Rabbit Anti-Morphine antibody

SL2029R

Product Name:	Morphine
Chinese Name:	吗啡抗体
Alias:	Morphine 6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Morphine
Applications:	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	0.75883kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Morphine:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 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.

SWISS:

N/A

CAS:

57-27-2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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