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Datasheet for ABIN1000408
anti-Buprenorphine antibody

Overview

Quantity:	1 mg
Target:	Buprenorphine (BUP)
Reactivity:	Various Species
Host:	Sheep
Clonality:	Polyclonal
Application:	ELISA, Affinity Purification (AP), Immunoassay (IA)

Product Details

Purpose:	Buprenorphine
Immunogen:	Buprenorphine-BSA
Isotype:	IgG
Purification:	Salt fractionation.

Target Details

Target:	Buprenorphine (BUP)
Alternative Name:	Buprenorphine (BUP Products)
Target Type:	Chemical
Background:	Buprenorphine is a highly lipophilic derivative of the Thebaine and is a powerful partial agonist analgesic. It is effective in treating pain and is 25 to 40 times more potent than morphine.

Application Details

Application Notes:	Application_Dilutions: 5 µg/mL Tested_Applications: The antibody is suitable for the development of immunoassays or immunoaffinity purification columns.
Comment:	10 ng/mL Buprenorphine produces 82 % inhibition in a competitive ELISA employing Buprenorphine polyclonal antibody.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	20 mM Phosphate, 150 mM Sodium Chloride. pH 7.4, 0.09 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Can be stored for up to 3 months at +2°C - +8°C. For long term storage, aliquot and store at ≤-20 °C. Avoid repeated freeze/thaw cycles. Product should be protected from light exposure.