

Product datasheet for **AP33036PU-N**

Naproxen Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	AP, ELISA
Recommended Dilution:	ELISA: Dilution of 1/300 from the delivered immune serum (The titer is defined as the dilution that gives 50 % of the absorbance from the maximum absorbance when tested with ELISA). <i>Suggested concentration:</i> 1/300 from the delivered solution. Plates are coated with 400 ng/ml OVA-derivative. HRP-conjugated anti-Rabbit IgG as a tracer 1/8,000 Immunogen BSA-Derivative conjugate Immunoaffinity Chromatography: Antibody can be coupled to solid support materials.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BSA-Naproxen derivate Conjugate. Chicken egg yolk, purified by PEG extraction.
Specificity:	This antibody is specific for Naproxen Target: Naproxen, CAS no.: 22204-5-1, Solubility: Organic solvents, PEGs. Compound tested (% Cross Reactivity): Naproxen (100%), Bezafibrate (5%), Gemfibrozil (8%), Bisphenol A (5%), Ibuprofen (9%), Clofibrinic acid (5%), Metoprolol (6%), Diclofenac (4%), Erythromycine (3%), Octylphenol (10%), Fenofibrate (6%), Propanolol (6%).
Formulation:	State: Purified State: Liquid purified IgG fraction Stabilizer: None
Concentration:	lot specific
Purification:	Caprylic Acid Extraction
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Add 0.02% Sodium Azide for long storage. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Naproxen is a non-steroidal anti-inflammatory drug (NSAID) used for pain relief, fever reduction and against swelling. Apparently, it also has some anti-viral activity. It belongs to the most sold over-the-counter drugs. It is found in the environment, especially in the water environment in the neighbourhood of large cities and hospitals.