

## Product datasheet

# Anti-Prepronociceptin antibody ab98152

1 Image

### Overview

<b>Product name</b>	Anti-Prepronociceptin antibody
<b>Description</b>	Rabbit polyclonal to Prepronociceptin
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Sheep, Rabbit, Goat, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish, Spider monkey
<b>Immunogen</b>	Synthetic peptide corresponding to a region within the internal sequence amino acids 107-156 (EQEEPEPGME EAGEMEQQQL QKRFGGFTGA RKSARKLANQ KRFSEFMRQY) of Human Prepronociceptin (NP_006219). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	HepG2 cell lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab98152** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

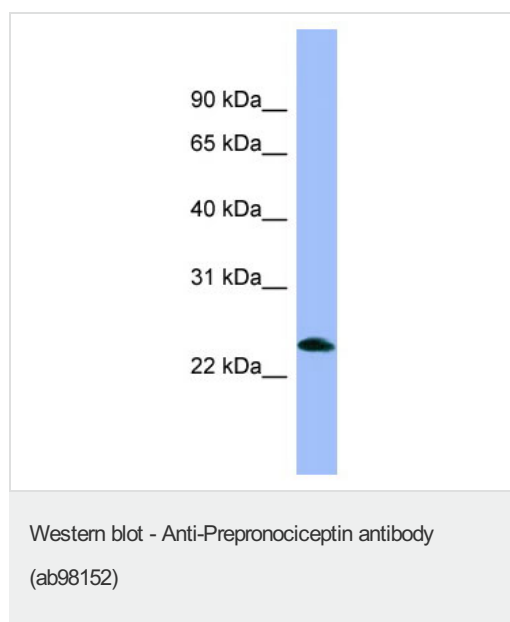
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 20 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Nociceptin is the ligand of the opioid receptor-like receptor (OPRL1). It may act as a transmitter in the brain by modulating nociceptive and locomotor behavior. May be involved in neuronal differentiation and development.
<b>Tissue specificity</b>	Predominantly expressed in the brain and spinal cord. Also expressed and secreted by peripheral blood neutrophils following degranulation.
<b>Sequence similarities</b>	Belongs to the opioid neuropeptide precursor family.
<b>Post-translational modifications</b>	Specific enzymatic cleavages at paired basic residues probably yield other active peptides besides nociceptin. The N-terminal domain contains 6 conserved cysteines thought to be involved in disulfide bonding and/or processing.
<b>Cellular localization</b>	Secreted.

## Images



Anti-Prepronociceptin antibody (ab98152) at 1 µg/ml (in 5% skim milk / PBS buffer) + HepG2 cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 20 kDa

Gel concentration: 12%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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