


Product datasheet

Anti-Prepronociceptin antibody ab98152

1 Image

Overview

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

Properties

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

Applications

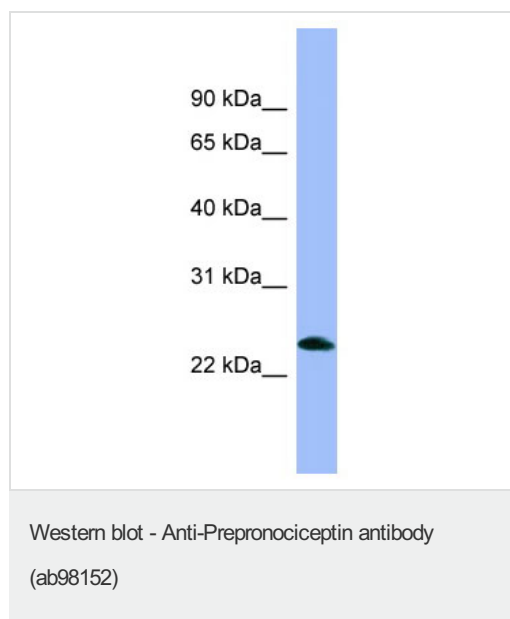
Our [Abpromise guarantee](#) covers the use of **ab98152** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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

Function	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.
Tissue specificity	Predominantly expressed in the brain and spinal cord. Also expressed and secreted by peripheral blood neutrophils following degranulation.
Sequence similarities	Belongs to the opioid neuropeptide precursor family.
Post-translational modifications	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.
Cellular localization	Secreted.

Images



Anti-Prepronociceptin antibody (ab98152) at
1 $\mu\text{g/ml}$ (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

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