

Product datasheet

Anti-NKB antibody ab57482

1 Image

Overview

Product name	Anti-NKB antibody
Description	Mouse monoclonal to NKB
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein, corresponding to amino acids 17-122 of Human Neurokinin B

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab57482** in the following tested applications.

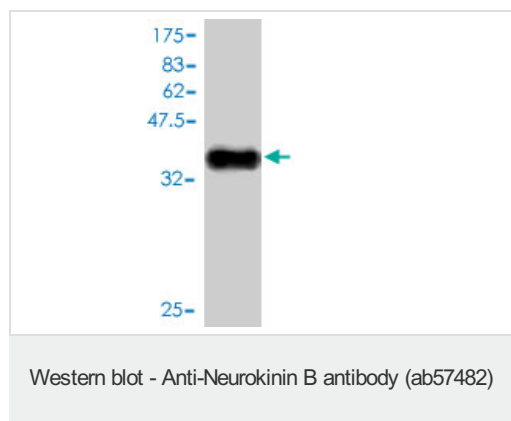
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Target

Function	Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles.
Sequence similarities	Belongs to the tachykinin family.
Developmental stage	In pregnancy, the expression of NKB is confined to the outer syncytiotrophoblast of the placenta, significant concentrations of NKB can be detected in plasma as early as week 9, and plasma concentrations of NKB are grossly elevated in pregnancy-induced hypertension and pre-eclampsia.
Cellular localization	Secreted.

Images



Western blot against tagged recombinant protein immunogen using ab57482 Neurokinin B antibody at 1ug/ml. Predicted band size of immunogen is 38 kDa

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