

Product datasheet

Anti-Zeta Opioid Receptor antibody ab110527

1 Image

Overview

Product name	Anti-Zeta Opioid Receptor antibody
Description	Rabbit polyclonal to Zeta Opioid Receptor
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide derived from an internal region of Human Zeta Opioid Receptor.
Positive control	HeLa and HepG2 cell extracts.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 0.88% Sodium chloride, 50% Glycerol Note: without Mg ²⁺ and Ca ²⁺
Purity	Immunogen affinity purified
Purification notes	ab110527 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab110527** in the following tested applications.

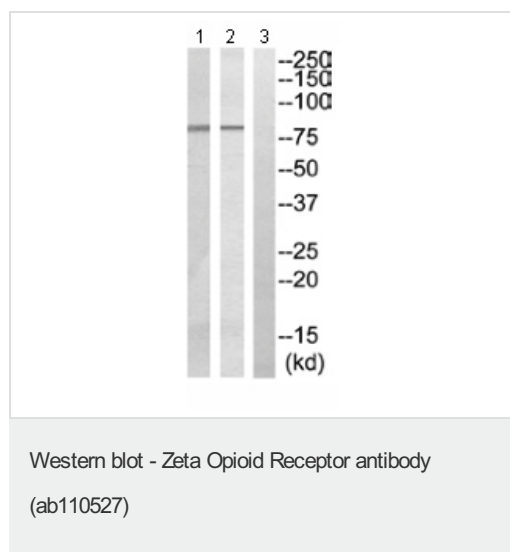
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 73 kDa.

Target

Function	Receptor for opioid growth factor (OGF), also known as Met-enkephalin. Seems to be involved in growth regulation.
Tissue specificity	Highly expressed in the heart and liver, moderately in skeletal muscle and kidney and to a lesser extent in brain and pancreas. Expressed in fetal tissues including liver and kidney.
Sequence similarities	Belongs to the opioid growth factor receptor family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm. Nucleus. The OGF/OGFR complex is probably translocated to the nucleus.

Images



All lanes : Anti-Zeta Opioid Receptor antibody (ab110527) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HeLa cell extract

Lane 3 : HeLa cell extract with immunizing peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size : 73 kDa

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