

Product datasheet

Anti-K0776 antibody ab103047

1 Image

Overview

Product name	Anti-K0776 antibody
Description	Rabbit polyclonal to K0776
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide conjugated to KLH, from a region within C-terminal amino acids 433-463 of Human K0776 (O94874)
Positive control	MCF7 cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Immunogen affinity purified
Purification notes	This antibody is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab103047** in the following tested applications.

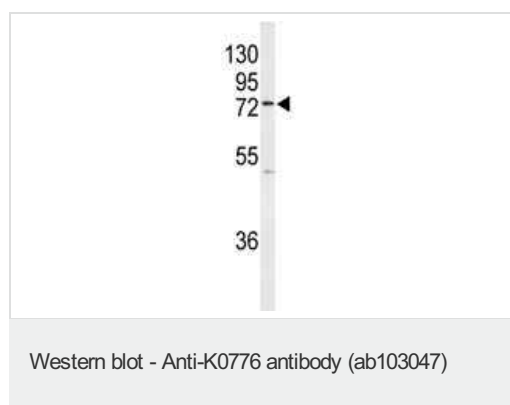
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 90 kDa.

Target

Function	E3 UFM1-protein ligase that mediates ufmylation of target proteins such as DDRGK1/C20orf116. The function of ufmylation is unknown. May act as a tumor suppressor by inhibiting cell invasion, blocking NF-kappa-B signaling and increasing stability of CDK5RAP3.
Tissue specificity	Ubiquitously expressed, with a high expression in liver (at protein level). Low expression in several invasive hepatocellular carcinomas, such HepG2, Hep3B, HLE and PLC.
Sequence similarities	Belongs to the UFL1 family.
Post-translational modifications	Ubiquitinated, leading to its degradation by the proteasome. Interaction with CDK5RAP3 protects each other against ubiquitination and degradation via the proteasome.
Cellular localization	Endoplasmic reticulum. Cytoplasm. In cytoplasm colocalizes with CDK5RAP3.

Images



Anti-K0776 antibody (ab103047) at 1/100 dilution + MCF7 cell lysate at 35 µg

Predicted band size: 90 kDa

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