


Product datasheet

Anti-DUBA antibody ab225558

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Overview

Product name	Anti-DUBA antibody
Description	Rabbit polyclonal to DUBA
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Cynomolgus monkey, Rhesus monkey, Orangutan 
Immunogen	Synthetic peptide within Human DUBA aa 521-571. The exact sequence is proprietary. (NP_060072.1). Database link: Q96G74
Positive control	WB: HeLa, HEK-293T and NIH/3T3 whole cell lysates. IP: HeLa whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab225558 was affinity purified using an epitope specific to DUBA immobilized on solid support.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab225558 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
IP		Use at 2-5 µg/mg of lysate.
WB		1/2000 - 1/10000. Predicted molecular weight: 61 kDa.

Target

Function

Negative regulator of innate immune system. Has deubiquitinating activity that is directed towards 'Lys-63'-linked polyubiquitin chains. Acts via TRAF3 deubiquitination and subsequent suppression of type I interferon (IFN) production.

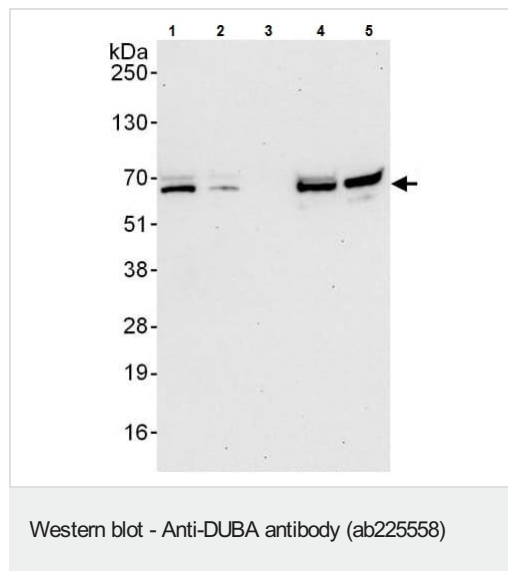
Tissue specificity

Expressed in various tissues, including the liver and placenta, as well as in peripheral blood leukocytes.

Sequence similarities

Belongs to the peptidase C85 family.
Contains 1 OTU domain.

Images



All lanes : Anti-DUBA antibody (ab225558) at 0.04 µg/ml

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 50 µg

Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 15 µg

Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 5 µg

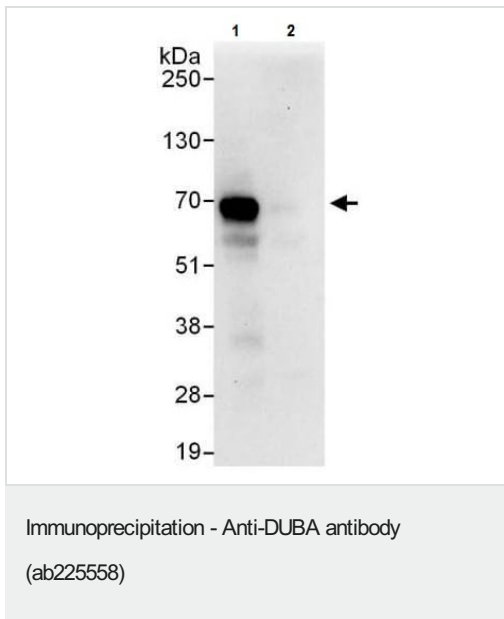
Lane 4 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate at 50 µg

Lane 5 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 61 kDa

Exposure time: 30 seconds



DUBA was immunoprecipitated from HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate (1 mg for IP, 20% of IP loaded) with ab225558 at 3 µg/mg lysate. Western blot was performed from the immunoprecipitate using ab225558 at 1 µg/ml.

Lane 1: ab225558 IP in HeLa whole cell lysate.

Lane 2: Control IgG IP in HeLa whole cell lysate.

Detection: Chemiluminescence with exposure time of 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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