

Product datasheet

Anti-NABC1 antibody [EPR15441(2)] ab201455

Recombinant RabMAb

[2 Images](#)

Overview

Product name	Anti-NABC1 antibody [EPR15441(2)]
Description	Rabbit monoclonal [EPR15441(2)] to NABC1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human NABC1 aa 500 to the C-terminus. The exact sequence is proprietary. Database link: O75363
Positive control	MCF7, SK-BR-3, HeLa and SW480 cell lysates; Human testis lysate.
General notes	

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

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: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR15441(2)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab201455** in the following tested applications.

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

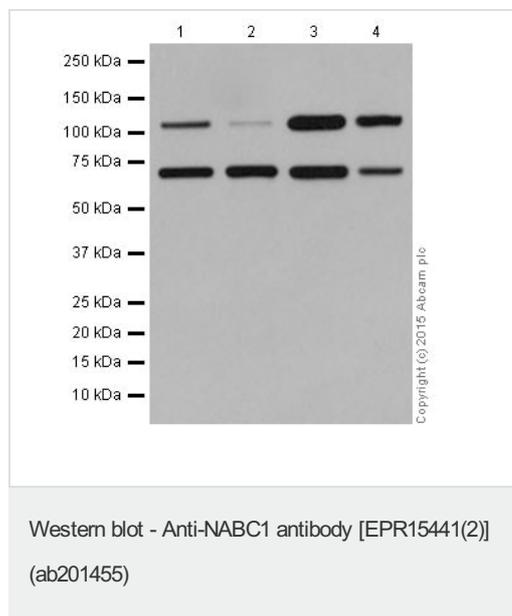
Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 62, 120 kDa (predicted molecular weight: 62 kDa).

Target

Tissue specificity Expressed in brain and prostate, and at lower levels in testis, intestine and colon. Overexpressed in most breast cancer cell lines and down-regulated in some colorectal tumors.

Cellular localization Cytoplasm.

Images



All lanes : Anti-NABC1 antibody [EPR15441(2)] (ab201455) at 1/5000 dilution

Lane 1 : MCF7 (Human breast adenocarcinoma cell line) cell lysate

Lane 2 : SK-BR-3 (Human mammary gland adenocarcinoma cell line) cell lysate

Lane 3 : HeLa (Human epithelial cells from cervix adenocarcinoma) cell lysate

Lane 4 : SW480 (Human colorectal adenocarcinoma cell line) cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 62 kDa

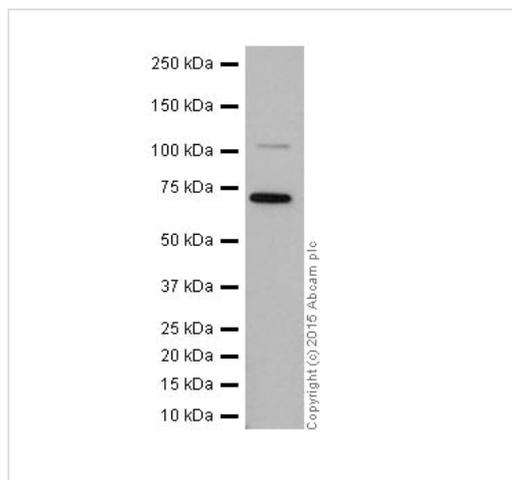
Observed band size: 120,62 kDa

[why is the actual band size different from the predicted?](#)

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.

The observed MW is consistent with what has been described in the literature PMID: 14567997. Please see page 6. The band observed at 120 kDa may represent a homodimer of NABC1, this information is based on SwissProt (Section: Subunit Structure).



Western blot - Anti-NABC1 antibody [EPR15441(2)]
(ab201455)

Anti-NABC1 antibody [EPR15441(2)] (ab201455) at 1/1000 dilution + Human testis lysate at 10 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 62 kDa

Observed band size: 120,62 kDa [why is the actual band size different from the predicted?](#)

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.

The observed MW is consistent with what has been described in the literature PMID: 14567997. Please see page 6. The band observed at 120 kDa may represent a homodimer of NABC1, this information is based on SwissProt (Section: Subunit Structure).

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

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