abcam

Product datasheet

Anti-Pirh2 antibody ab230551

3 Images

Overview

Product name	Anti-Pirh2 antibody
Description	Rabbit polyclonal to Pirh2
Host species	Rabbit
Tested applications	**Suitable for:** WB, ICC/IF, IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Pig, Rhesus monkey
Immunogen	Recombinant fragment within Human Pirh2 aa 59-261. The exact sequence is proprietary. Database link: Q96PM5
Positive control	IHC-P: Human colon tissue. ICC/IF: HeLa cells. WB: NTERA-2 cl.D1 [NT2/D1] whole cell lysate.

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 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab230551** in the following tested applications.

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

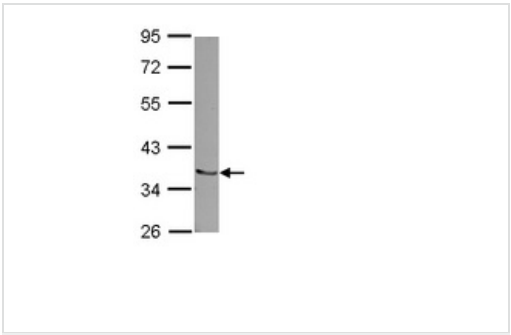
Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 30 kDa.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.
IHC-P		Use a concentration of 5 µg/ml.

Target

Function	Mediates E3-dependent ubiquitination and proteasomal degradation of target proteins, including p53/TP53, HDAC1 and CDKN1B. Preferentially acts on tetrameric p53/TP53. Contributes to the regulation of CDKN1B and p53/TP53 levels, and thereby contributes to the regulation of the cell cycle progression. Increases AR transcription factor activity.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 1 CHY-type zinc finger. Contains 1 CTCHY-type zinc finger. Contains 1 RING-type zinc finger.
Post-translational modifications	Subject to ubiquitination and proteasomal degradation. Interaction with PLAGL2 or KAT5 enhances protein stability.
Cellular localization	Nucleus. Nucleus speckle. Cytoplasm.

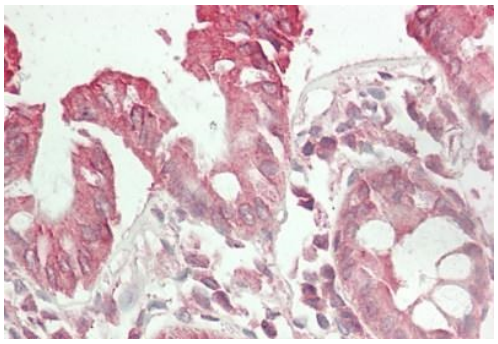
Images



Western blot - Anti-Pirh2 antibody (ab230551)

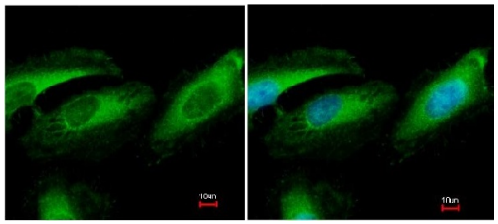
Anti-Pirh2 antibody (ab230551) at 1/1000 dilution + NTERA-2 cl.D1 [NT2/D1] (human malignant pluripotent embryonic carcinoma cell line) whole cell lysate at 30 µg

Predicted band size: 30 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Pirh2 antibody (ab230551)

Formalin-fixed, paraffin-embedded human colon tissue stained for Pirh2 using ab230551 at 5 µg/ml in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-Pirh2 antibody (ab230551)

Paraformaldehyde-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for Pirh2 (green) using ab230551 at 1/500 dilution in ICC/IF.

Counter stained with Hoechst 33342 (blue).

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