Product name: Anti-LRP16 antibody

Description: Rabbit polyclonal to LRP16

Host species: Rabbit

Tested applications: Suitable for: ICC/IF, IHC-P

Species reactivity: Reacts with: Human

Immunogen: Recombinant fragment corresponding to Human LRP16.
Sequence:
SFLKGLSDKQREEHYFCKDFVRLKKIPTWKEMAKGV
VKVEEPRYKKDKQLNEKISLLRSDDITKLEV

Positive control: Human colon tissue.

General notes: Protein previously labeled as MACROD1.

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Storage buffer:
P pH: 7.20
Preservative: 0.02% Sodium azide
Constituents: 59% PBS, 40% Glycerol

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab122688 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
Plays a role in estrogen signaling. Binds to androgen receptor (AR) and amplifies the transactivation function of AR in response to androgen. May play an important role in carcinogenesis and/or progression of hormone-dependent cancers by feed-forward mechanism that activates ESR1 transactivation. Could be an ESR1 coactivator, providing a positive feedback regulatory loop for ESR1 signal transduction. Could be involved in invasive growth by down-regulating CDH1 in endometrial cancer cells. Enhances ESR1-mediated transcription activity.

Involvement in disease
Note=A chromosomal aberration involving MACROD1 is found in acute leukemia. Translocation t(11;21)(q13;q22) that forms a RUNX1-MACROD1 fusion protein.

Sequence similarities
Contains 1 Macro domain.

Images
Immunofluorescent staining of Human cell line A-431 shows positivity in mitochondria. Recommended concentration of ab122688 1-4 µg/ml. Cells treated with PFA/Triton X-100.
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LRP16 antibody
(ab122688)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LRP16 antibody
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ab122688, at 1/200 dilution, staining LRP16 in paraffin-embedded Human colon tissue by Immunohistochemistry.

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

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- Response to your inquiry within 24 hours

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