

ALDH3A1 polyclonal antibody

Catalog: BS8478

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

ALDH3A1 (stomach type, ALDH3, ALDHIII) forms a cytoplasmic homodimer that preferentially oxidizes aromatic aldehyde substrates. ALDH genes upregulate as a part of the oxidative stress response and appear to be abundant in certain tumors that have an accelerated metabolism toward chemotherapy agents.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 55kDa

Swiss-Prot:

P30838

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

IF: 1:50~1:200

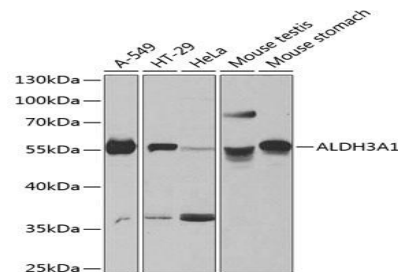
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

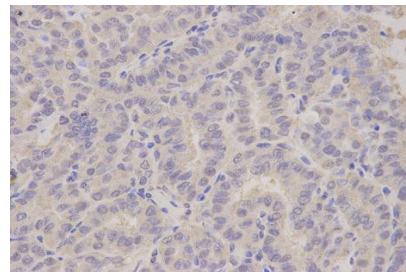
Specificity:

ALDH3A1 polyclonal antibody detects endogenous levels of ALDH3A1 protein.

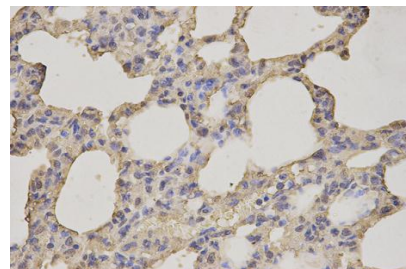
DATA:



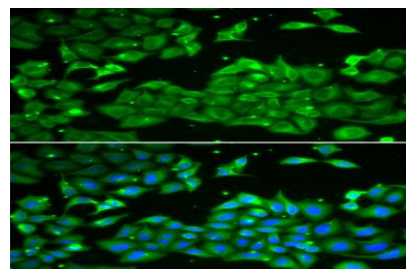
Western blot analysis of extracts of various cell lines, using ALDH3A1 antibody.



Immunohistochemistry of paraffin-embedded human thyroid cancer using ALDH3A1 antibody at dilution of 1:200 (400x lens).



Immunohistochemistry of paraffin-embedded rat lung using ALDH3A1 antibody at dilution of 1:200 (400x lens).



Immunofluorescence analysis of U2OS cell using ALDH3A1 antibody. Blue: DAPI for nuclear staining.

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Note:

For research use only, not for use in diagnostic procedure.

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