**Product datasheet**

**Anti-Axl antibody ab227871**

- **Product name**: Anti-Axl antibody
- **Description**: Rabbit polyclonal to Axl
- **Host species**: Rabbit
- **Tested applications**: Suitable for: WB, IHC-P
- **Species reactivity**: Reacts with: Mouse, Human
- **Immunogen**: Recombinant fragment within Human Axl (internal sequence). The exact sequence is proprietary. Database link: P30530
- **Positive control**: WB: HEK-293 transfected with Axl whole cell lysate; A549, NCI-H1299 and HCT 116 whole cell extracts; Mouse muscle tissue extract. IHC-P: Human non-small cell lung carcinoma, colon carcinoma and lung cancer tissues.

**Properties**

- **Form**: Liquid
- **Storage buffer**: pH: 7.00
  - Preservative: 0.025% Proclin 300
  - Constituents: PBS, 1% BSA, 20% Glycerol
- **Purity**: Immunogen affinity purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

**Applications**

Our **Abpromise guarantee** covers the use of ab227871 in the following tested applications.

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

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<th>Application</th>
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<td>WB</td>
<td>1/500 - 1/10000</td>
<td>Predicted molecular weight: 98 kDa.</td>
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Function
May function as a signal transducer between specific cell types of mesodermal origin. In case of filovirus infection, seems to function as a cell entry factor.

Tissue specificity
Highly expressed in metastatic colon tumors. Expressed in primary colon tumors. Weakly expressed in normal colon tissue.

Sequence similarities

Cellular localization
Membrane.

Images

Western blot - Anti-Axl antibody (ab227871)

All lanes: Anti-Axl antibody (ab227871) at 1/5000 dilution

Lane 1: HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract

Lane 2: HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) transfected with Axl, whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 98 kDa

7.5% SDS-PAGE gel.
Paraffin-embedded human lung cancer tissue stained for Axl using ab227871 at 1/200 dilution in immunohistochemical analysis. The signal was developed using goat anti-rabbit IgG antibody (Dylight®488) (green).

Nuclear counterstain: Hoechst 33342 (blue).

Paraffin-embedded human colon carcinoma tissue stained for Axl using ab227871 at 1/500 dilution in immunohistochemical analysis.
Anti-Axl antibody (ab227871) at 1/500 dilution + Mouse muscle tissue extract at 50 µg

**Predicted band size:** 98 kDa

5% SDS-PAGE gel.

**All lanes:** Anti-Axl antibody (ab227871) at 1/500 dilution

**Lane 1:** A549 (human lung carcinoma cell line) whole cell extract

**Lane 2:** NCI-H1299 (human lung carcinoma cell line) whole cell extract

**Lane 3:** HCT 116 (human colorectal carcinoma cell line) whole cell extract

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 98 kDa

5% SDS-PAGE gel.
Paraffin-embedded human non-small cell lung carcinoma tissue stained for Axl using ab227871 at 1/500 dilution in immunohistochemical analysis.

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

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