**Product datasheet**

**Anti-Axl antibody [EPR21107] ab215205**

**Recombinant** RabMAb

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**Applications**

Our Abpromise guarantee covers the use of ab215205 in the following tested applications.
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

All lanes: Anti-Axl antibody [EPR21107] (ab215205) at 1/1000 dilution

Lane 1: DU 145 (human prostate carcinoma cell line) whole cell lysate
Lane 2: NCI-H1299 (human lung carcinoma cell line) whole cell lysate
Lane 3: Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary
All lanes: Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/50000 dilution

Developed using the ECL technique.

Predicted band size: 98 kDa
Observed band size: 140,80 kDa
why is the actual band size different from the predicted?
Exposure time: 29 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

Negative control: Jurkat

The 140 kDa band corresponds to the full-length Axl, while the 80 kDa band could be the cleaved form of Axl (PMID: 7822279 and 19541935).

The apparent molecular mass is higher than predicted, likely due to glycosylation (PMID: 23629654).

All lanes: Anti-Axl antibody [EPR21107] (ab215205) at 1/1000 dilution

Lane 1: Human skeletal muscle lysate at 20 µg
Lane 2: Rat muscle lysate at 10 µg
Lane 3: Mouse muscle lysate at 10 µg
Lane 4: 4T1 (mouse mammary gland carcinoma cell line) whole cell lysate at 20 µg
Lane 5: C2C12 (mouse myoblast cell line) whole cell lysate at 20 µg
Lane 6: HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 20 µg
Lane 7: HUVEC (human umbilical vein endothelial cell line) whole cell lysate at 20 µg

Secondary

All lanes: Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/50000 dilution

Developed using the ECL technique.

Predicted band size: 98 kDa

Observed band size: 140, 80 kDa why is the actual band size different from the predicted?

Exposure time: Lane 1: 6 seconds; Lane 2: 3 seconds; Lane 3: 46 seconds; Lanes 4-5: 3 minutes; Lanes 6-7: 10 seconds.

Blocking/Dilution buffer: 5% NFDM/TBST.

The 140 kDa band corresponds to the full-length Axl, while the 80 kDa band could be the cleaved form of Axl (PMID: 7822279 and...
The apparent molecular mass is higher than predicted, likely due to glycosylation (PMID: 23629654).

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

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