


Product datasheet

Anti-LRP3 antibody ab74100

1 Image

Overview

| | |
|----------------------------|--|
| Product name | Anti-LRP3 antibody |
| Description | Rabbit polyclonal to LRP3 |
| Host species | Rabbit |
| Specificity | ab74100 detects endogenous levels of total LRP3 protein. |
| Tested applications | Suitable for: WB, ELISA |
| Species reactivity | Reacts with: Mouse, Human Predicted to work with: Rat  |
| Immunogen | Synthesized peptide derived from an internal sequence of human LRP3. |
| Positive control | Extracts from RAW264.7 cells |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4 |
| Purity | Immunogen affinity purified |
| Purification notes | The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab74100** in the following tested applications.

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

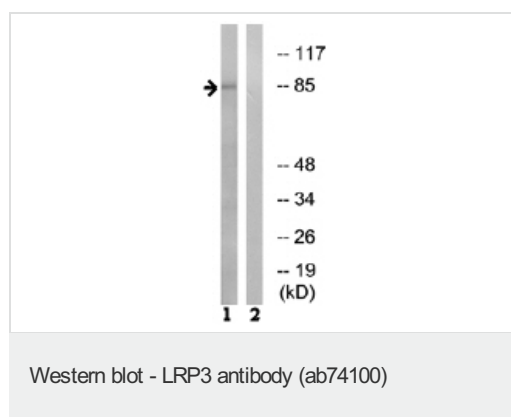
| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/500 - 1/1000. Predicted molecular weight: 83 kDa. |

| Application | Abreviews | Notes |
|-------------|-----------|----------|
| ELISA | | 1/40000. |

Target

| | |
|------------------------------|---|
| Function | Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. Its precise role is however unclear, since it does not bind to very low density lipoprotein (VLDL) or to LRPAP1 in vitro. |
| Tissue specificity | Widely expressed. Highly expressed in skeletal muscle and ovary. Expressed at intermediate level in heart, brain, liver, pancreas, prostate and small intestine. Weakly expressed in testis, colon and leukocyte. |
| Sequence similarities | Belongs to the LDLR family. Contains 2 CUB domains. Contains 4 LDL-receptor class A domains. |
| Cellular localization | Membrane. Membrane > coated pit. |

Images



All lanes : Anti-LRP3 antibody (ab74100) at 1/500 dilution

Lane 1 : Extracts from RAW264.7 cells with no peptide

Lane 2 : Extracts from RAW264.7 cells with immunizing peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 83 kDa

Observed band size: 83 kDa

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