

**LRP12 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5323**

**Specification**

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**LRP12 Antibody (C-term) - Product Information**

Application	IF, FC, IHC-P, WB,E
Primary Accession	<a href="#">Q9Y561</a>
Other Accession	<a href="#">Q8BUJ9</a> , <a href="#">Q9BE74</a> , <a href="#">NP_038465.1</a>
Reactivity	Human
Predicted	Monkey, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=95,93;M=95,93 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**LRP12 Antibody (C-term) - Additional Information**

**Gene ID** 29967

**Antigen Region**  
635-662

**Other Names**

LRP12; ST7; Low-density lipoprotein receptor-related protein 12; Suppressor of tumorigenicity 7 protein

**Dilution**

IF~~1:10~50  
FC~~1:10~50  
IHC-P~~1:10~50  
WB~~1:1000

**Target/Specificity**

This LRP12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 635-662 amino acids from the C-terminal region of human LRP12.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

LRP12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## LRP12 Antibody (C-term) - Protein Information

**Name** LRP12

**Synonyms** ST7

### Function

Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. May act as a tumor suppressor.

### Cellular Location

Membrane; Single- pass type I membrane protein. Membrane, coated pit

### Tissue Location

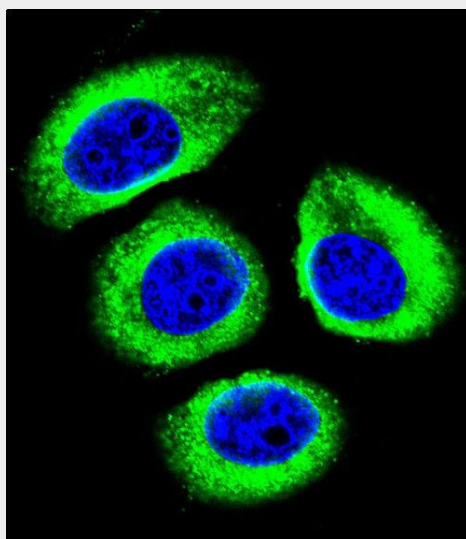
Widely expressed in heart, skeletal muscle, brain, lung, placenta and pancreas, but not in tissues consisting of a large number of epithelial cells, such as liver and kidney. Expressed at very low levels in a number of tumor-derived cell lines

## LRP12 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

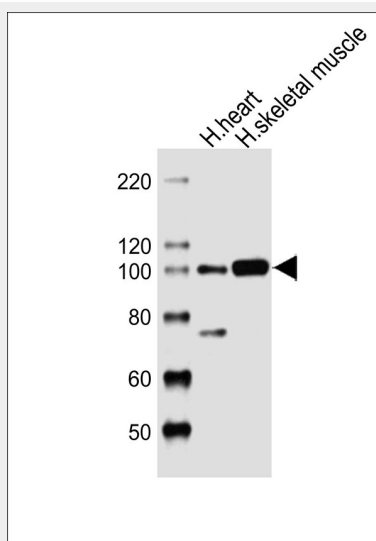
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## LRP12 Antibody (C-term) - Images

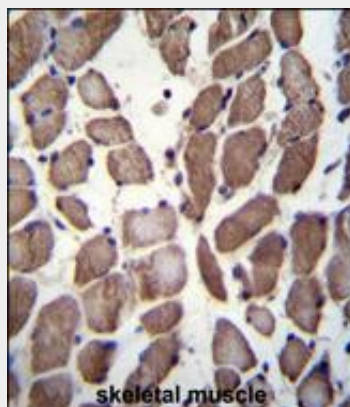


Confocal immunofluorescent analysis of LRP12 Antibody (C-term)(Cat#AW5323) with U-251MG cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain

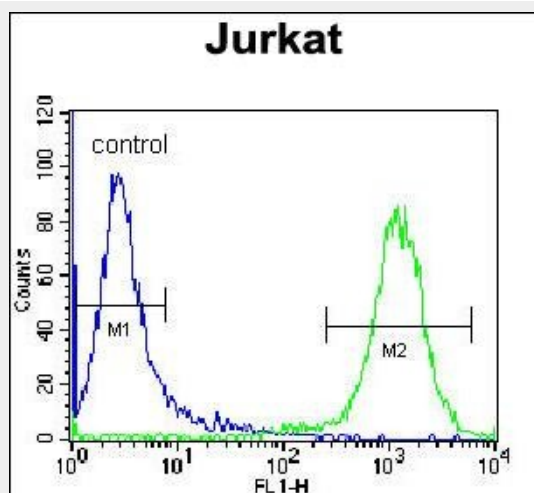
the cell nuclear (blue).



Western blot analysis of lysates from human heart, human skeletal muscle tissue lysate (from left to right), using LRP12 Antibody (C-term) (Cat. #AW5323). AW5323 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



LRP12 Antibody (C-term) (Cat. #AW5323) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LRP12 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



LRP12 Antibody (C-term) (Cat. #AW5323) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

#### **LRP12 Antibody (C-term) - Background**

This gene encodes a member of the low-density lipoprotein receptor related protein family. The product of this gene is a transmembrane protein that is differentially expressed in many cancer cells. Alternate splicing results in multiple transcript variants.

#### **LRP12 Antibody (C-term) - References**

Garnis, C., et al. *Oncogene* 23(14):2582-2586(2004)  
Battle, M.A., et al. *Biochemistry* 42(24):7270-7282(2003)  
Qing, J., et al. *Oncogene* 18(2):335-342(1999)