abcam

Product datasheet

Anti-LMO7 antibody ab224113

★★★★★ **1 Abreviews**   6 Images

Overview

Product name	Anti-LMO7 antibody
Description	Rabbit polyclonal to LMO7
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, WB, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment corresponding to Human LMO7 aa 650-850. Database link: **Q8WWI1**

         🖼 **Run BLAST with**   🖼 **Run BLAST with**

Positive control	WB: HeLa whole cell lysate (**ab150035**). ICC/IF: A431 cells. IHC-P: Human duodenum, skeletal muscle, testis and uterine cervix tissues.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab224113 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
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 154,158,185,191,193 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Tissue specificity   Widely expressed. Isoform 2 and isoform 4 are predominantly expressed in brain.

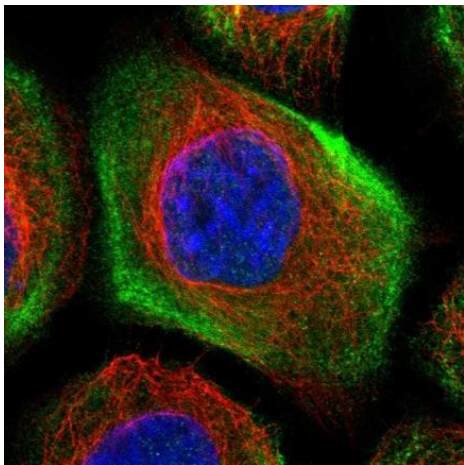**Sequence similarities**   Contains 1 CH (calponin-homology) domain.

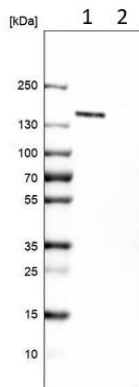   Contains 1 LIM zinc-binding domain.

                                        Contains 1 PDZ (DHR) domain.

Images

Immunocytochemistry/ Immunofluorescence - Anti-LMO7 antibody (ab224113)

PFA-fixed, Triton X-100 permeabilized A431 (human epidermoid carcinoma cell line) cells stained for LMO7 (green) using ab224113 at 4 µg/ml in ICC/IF.
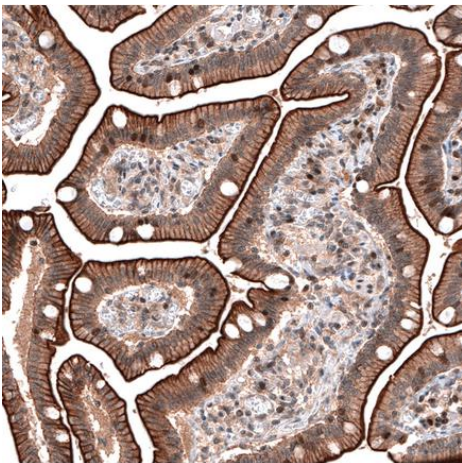
Western blot - Anti-LMO7 antibody (ab224113)

Lane 1 : Anti-LMO7 antibody (ab224113) at 0.4 µg/ml (HeLa cell lysate)

Lane 2 : Anti-LMO7 antibody (ab224113) at 0.4 µg/ml (HEK-293 lysate)
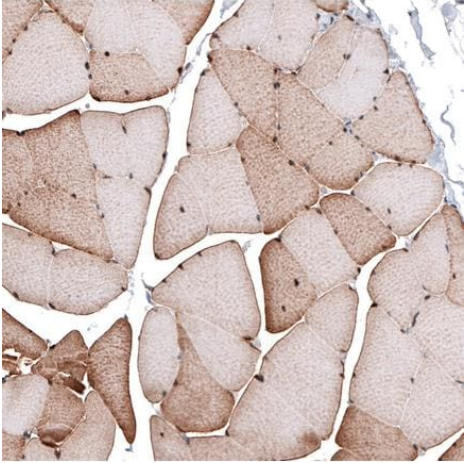
All lanes :

Predicted band size: 154,158,185,191,193 kDa

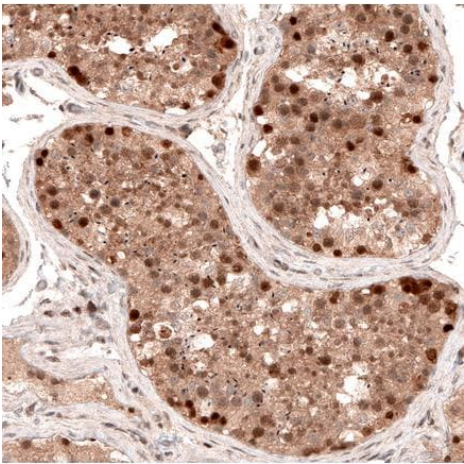Western blot analysis of HeLa cell lysate using ab224113 at 0.4 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LMO7 antibody (ab224113)

Paraffin-embedded human duodenum tissue stained for LMO7 using ab224113 at 1/200 dilution in immunohistochemical analysis.
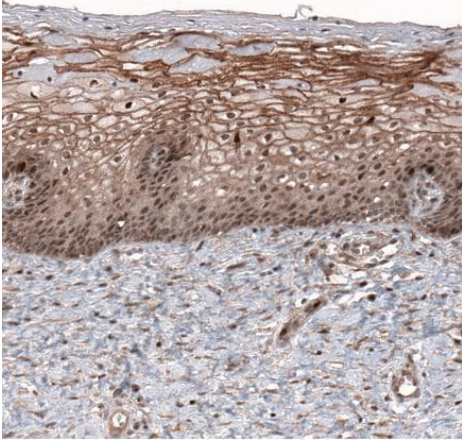
Paraffin-embedded human skeletal muscle tissue stained for LMO7 using ab224113 at 1/200 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LMO7 antibody (ab224113)

Paraffin-embedded human testis tissue stained for LMO7 using ab224113 at 1/200 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LMO7 antibody (ab224113)

Paraffin-embedded human uterine cervix tissue stained for LMO7 using ab224113 at 1/200 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LMO7 antibody (ab224113)

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

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