

**Goat Anti-LMO7 / FBXO20 Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF1631a

### Specification

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#### Goat Anti-LMO7 / FBXO20 Antibody - Product Information

Application	WB
Primary Accession	<a href="#">Q8WWI1</a>
Other Accession	<a href="#">AAD33924.1</a> , <a href="#">4008</a>
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	192696

#### Goat Anti-LMO7 / FBXO20 Antibody - Additional Information

**Gene ID** 4008

#### Other Names

LIM domain only protein 7, LMO-7, F-box only protein 20, LOMP, LMO7, FBX20, FBXO20, KIAA0858

#### Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Goat Anti-LMO7 / FBXO20 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Goat Anti-LMO7 / FBXO20 Antibody - Protein Information

**Name** LMO7

**Synonyms** FBX20, FBXO20, KIAA0858

#### Tissue Location

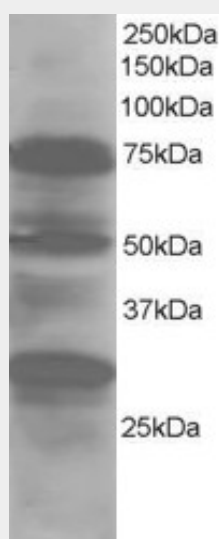
Widely expressed. Isoform 2 and isoform 4 are predominantly expressed in brain.

## Goat Anti-LMO7 / FBXO20 Antibody - 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](#)

## Goat Anti-LMO7 / FBXO20 Antibody - Images



AF1631a staining (1  $\mu\text{g/ml}$ ) of Human Lung lysate (RIPA buffer, 30  $\mu\text{g}$  total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

## Goat Anti-LMO7 / FBXO20 Antibody - Background

This gene encodes a protein containing a calponin homology (CH) domain, a PDZ domain, and a LIM domain, and may be involved in protein-protein interactions. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene, however, the full-length nature of some variants is not known.

## Goat Anti-LMO7 / FBXO20 Antibody - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. *Mol Med*, 2010 Jul-Aug. PMID 20379614.

Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. *Cell*, 2006 Nov 3. PMID 17081983.

Lmo7 is an emerin-binding protein that regulates the transcription of emerin and many other muscle-relevant genes. Holaska JM, et al. *Hum Mol Genet*, 2006 Dec 1. PMID 17067998.

A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. *Nat Biotechnol*, 2006 Oct. PMID 16964243.

Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. *Genome Res*, 2006 Jan. PMID 16344560.