Datasheet for ABIN2784944

anti-LRG1 antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	LRG1
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LRG1
Sequence:	GVTLSPKDCQ VFRSDHGSSI SCQPPAEIPG YLPADTVHLA VEFFNLTHLP
Predicted Reactivity:	Cow: 79%, Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against LRG1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LRG1
Alternative Name:	LRG1 (LRG1 Products)
Background:	The leucine-rich repeat (LRR) family of proteins, including LRG1, have been shown to be

Target Details

	involved in protein-protein interaction, signal transduction, and cell adhesion and development. LRG1 is expressed during granulocyte differentiation (O'Donnell et al., 2002 [PubMed 12223515]). Alias Symbols: HMFT1766, LRG Protein Interaction Partner: FN1, Protein Size: 347
Molecular Weight:	38 kDa
Gene ID:	116844
NCBI Accession:	NM_052972, NP_443204
UniProt:	P02750
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 347 AA
Restrictions:	For Research Use only

Handling

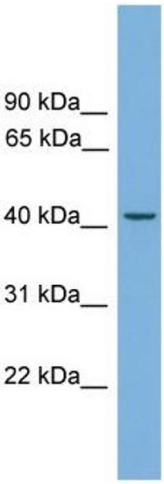
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) (PubMed).

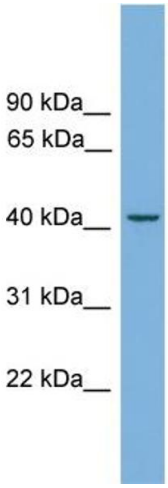
Images



Western Blotting

Image 1. WB Suggested Anti-LRG1 Antibody Titration: 0.2-1 ug/ml

Positive Control: Human Lung



Rabbit Anti-LRG1 Antibody
Catalog Number: ARP52475
Lot Number: QC28981
Lane: Fetal Lung Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-LRG1

Antibody Titration: 0.2-1 µg/mL

Positive Control: Human Lung