

Datasheet for ABIN2786222

anti-Leucine Rich Transmembrane and O-Methyltransferase Domain Containing (LRTOMT) (N-Term) antibody[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	Leucine Rich Transmembrane and O-Methyltransferase Domain Containing (LRTOMT)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LRR51
Sequence:	MNKRDMNTS VQEPPLDYSF RSIHVIQDLV NEEPRTGLRP LKRSKSGKSL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against LRR51. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Leucine Rich Transmembrane and O-Methyltransferase Domain Containing (LRTOMT)
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Target Details

Alternative Name:	LRRC51 (LRTOMT Products)
Background:	The exact function of LRRC51 remains unknown. Alias Symbols: COMT2, DFNB63, LRRC51, LRTOMT1, LRTOMT2 Protein Interaction Partner: ELAVL1, Protein Size: 192
Molecular Weight:	22 kDa
Gene ID:	220074
NCBI Accession:	NM_145309 , NP_660352
UniProt:	Q96E66
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 192 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: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-LRRC51 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human heart