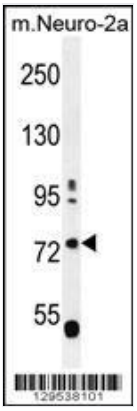
LRWD1 Antibody – Rabbit Polyclonal

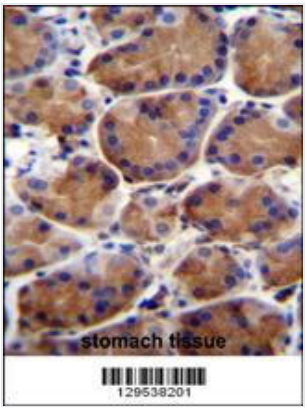
PRODUCT OVERVIEW

Product Name	LRWD1, Polyclonal Antibody
Full Product Name	LRWD1, NT (LRWD1, ORCA, Leucine-rich repeat and WD repeat-containing protein 1, ORC-associated protein, Origin recognition complex-associated protein) (AP)
Product Gene Name	anti-LRWD1 antibody
Product Synonym Names	LRWD1; ORCA; Leucine-rich repeat and WD repeat-containing protein 1; ORC-associated protein; Origin recognition complex-associated protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	70,861 Da
Chromosome Location	Chromosome: 7; NC_000007.13 (102105335..102113615). Location: 7q22.1
OMIM	615167
3D Structure	ModBase 3D Structure for Q9UFC0
Immunogen	LRWD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-33 amino acids from the N-terminal region of human LRWD1.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-LRWD1 antibody	Antibodies; WD Repeat Proteins
Applications Tested/Suitable for anti-LRWD1 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-LRWD1 antibody	IHC: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-LRWD1 antibody	LRWD1, Leucine rich repeats and WD repeat domain containing 1, contains 3 LRR (leucine-rich) repeats and 5 WD repeats.
Product References and Citations for anti-LRWD1 antibody	Teng, Y.N., et al. Int. J. Androl. 33(6):832-840(2010). Shen, Z., et al. Mol. Cell 40(1):99-111(2010). Vermeulen, M., et al. Cell 142(6):967-980(2010). Matsuoka, S., et al. Science 316(5828):1160-1166(2007). Olsen, J.V., et al. Cell 127(3):635-648(2006).

Other Notes	Small volumes of anti-LRWD1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LRWD1 purchase	MBS6317439 is an antibody targeting LRWD1. Also known as LRWD1, NT (LRWD1, ORCA, Leucine-rich repeat and WD repeat-containing protein 1, ORC-associated protein, Origin recognition complex-associated protein) (AP). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-LRWD1 antibody
LRWD1 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the LRWD1 antibody detected the LRWD1 protein (arrow).



Immunohistochemistry (IHC) of anti-LRWD1 antibody
LRWD1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LRWD1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRWD1. It may not necessarily be applicable to this product.

NCBI GI #	23097240
NCBI GeneID	222229
NCBI Accession #	NP_690852.1
UniProt Primary Accession #	Q9UFC0
UniProt Secondary Accession #	Q8N0T9; Q8WV43; Q96GJ2; A8K4K2; B2R9G2
UniProt Related Accession #	Q9UFC0
GenBank Nucleotide #	NM_152892.1
NCBI Official Full Name	leucine-rich repeat and WD repeat-containing protein 1
NCBI Official Synonym Full Names	leucine-rich repeats and WD repeat domain containing 1
NCBI Official Symbol	LRWD1
NCBI Official Synonym Symbols	ORCA; CENP-33
UniProt Protein Name	Leucine-rich repeat and WD repeat-containing protein 1
UniProt Synonym Protein Names	Centromere protein 33; CENP-33; Origin recognition complex-associated protein; ORC-associated protein; ORCA
Protein Family	Leucine-rich repeat and WD repeat-containing protein
UniProt Gene Name	LRWD1
UniProt Synonym Gene Names	CENP33; ORCA; CENP-33; ORC-associated protein; ORCA
UniProt Entry Name	LRWD1_HUMAN
NCBI Protein Information	leucine-rich repeat and WD repeat-containing protein 1; centromere protein 33; ORC-associated protein; origin recognition complex associated; origin recognition complex-associated protein

Research Articles on LRWD1	**1.** Orc2 protects ORCA from ubiquitin-mediated degradation in vivo.
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