

Rabbit Morg1 Polyclonal Antibody | anti-WDR83 antibody

Anti-Morg1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45007	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

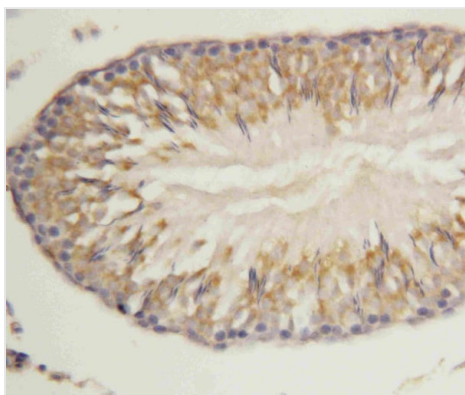
PRODUCT SYNONYMS

Morg1; Polyclonal Antibody; Anti-Morg1 antibody; WD repeat domain-containing protein 83; WD repeat domain 83; MAPK organizer 1 antibody; MGC4238 antibody; Mitogen activated protein kinase organizer 1 antibody; Mitogen-activated protein kinase organizer 1 antibody; MORG 1 antibody; WD repeat domain-containing protein 83 antibody; wdr83 antibody; WDR83_HUMAN antibody; anti-WDR83 antibody

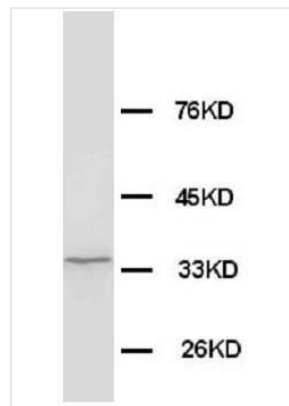
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	315
Applicable Applications for anti-WDR83 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Morg1 (29-43aa RAVRFNVDGNYCLTC), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Morg1 antibody, AAA45007, IHC(P)IHC(P): Rat Lung Tissue



WB (Western Blot)
Anti-Morg1 antibody, AAA45007, Western blottingWB: Rat Brain Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-WDR83 antibody	Description: Rabbit IgG polyclonal antibody for WD repeat domain-containing protein 83(WDR83) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: MORG1(mitogen-activated protein kinase organizer 1), a member of the WD-40 protein family that was isolated as a binding partner of the extracellular signal-regulated kinase(ERK) pathway scaffold protein MP1. MORG1 specifically associates with several components of the ERK pathway, including MP1, Raf-1, MEK, and ERK, and stabilizes their assembly into an oligomeric complex. MORG1 facilitates ERK activation when cells are stimulated with lysophosphatidic acid, phorbol 12-myristate 13-acetate, or serum, but not in response to epidermal growth factor. Suppression of MORG1 by short interfering RNA leads to a marked reduction in ERK activity when cells are stimulated with serum. MORG1 is a component of a modular scaffold system that participates in the regulation of agonist-specific ERK signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74761224
NCBI GeneID	84292
UniProt Accession #	Q9BRX9; Q53FT6; B2RAF1
Molecular Weight	34,343 Da
NCBI Official Full Name	WD repeat domain-containing protein 83
NCBI Official Synonym Full Names	WD repeat domain 83
NCBI Official Symbol	WDR83
NCBI Official Synonym Symbols	MORG1
NCBI Protein Information	WD repeat domain-containing protein 83; MAPK organizer 1; mitogen-activated protein kinase organizer 1
UniProt Protein Name	WD repeat domain-containing protein 83
UniProt Gene Name	WDR83
UniProt Synonym Gene Names	MORG1; MAPK organizer 1
UniProt Entry Name	WDR83_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.