

Rabbit anti-Human MESDC2 Polyclonal Antibody | anti-MESD antibody

Anti-MESDC2 Antibody, Rabbit Polyclonal

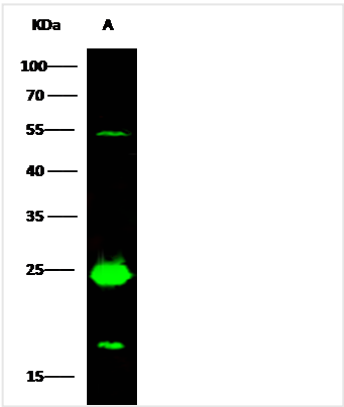
CATALOG # AAA255262	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

MESDC2; Polyclonal Antibody; Anti-MESDC2 Antibody; Rabbit Polyclonal; MESDC2/MESD Antibody; Rabbit PAb; Antigen Affinity Purified; mesoderm development candidate 2; Anti-BOCA Antibody; Anti-MESD Antibody; anti-MESD antibody

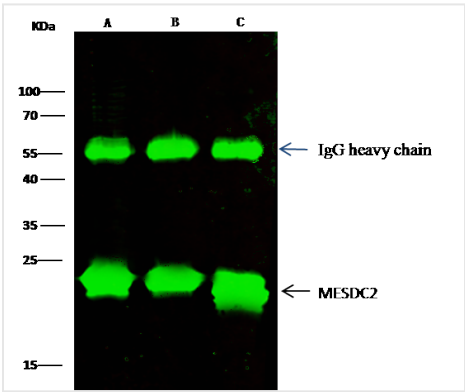
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MESDC2/MESD
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MESD antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant Human MESD protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human MESDC2 (rh MESDC2). MESDC2 specific IgG was purified by human MESDC2 affinity chromatography .
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)

Anti-MESDC2 rabbit polyclonal antibody at 1:500 dilutionLane A: HEK293 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:26 kDaObserved band size:25 kDa(We are unsure as to the identity of these extra bands.



IP (Immunoprecipitation)

MESDC2 was immunoprecipitated using:Lane A:0.5 mg 293T Whole Cell LysateLane B:0.5 mg HeLa Whole Cell LysateLane C:0.5 mg NIH-3T3 Whole Cell Lysate2 uL anti-MESDC2 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-MESDC2 rabbit polyclonal antibody,at 1:500 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 26 kDaObserved band size: 26 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MESD antibody	MESD (Mesoderm Development LRP Chaperone) is a Protein Coding gene. LDLR chaperone MESD, also known as Mesoderm development protein, Mesoderm development candidate 2, Renal carcinoma antigen NY-REN-61, and MESDC2, is a member of the MESD family. It is widely expressed in the thyroid, placenta, and other tissues. MESDC2 is a chaperone specifically assisting the folding of beta-propeller/EGF modules within the family of low-density lipoprotein receptors (LDLRs). The LDLR maturation activity resides in the N- and C-terminal unstructured regions. MESDC2 acts as a modulator of the Wnt pathway since some LDLRs are coreceptors for the canonical Wnt pathway. MESDC2 is essential for the specification of embryonic polarity and mesoderm induction.
References	Scanlan M.J. et al., 1999, Int. J. Cancer 83:456-464. Veltman, IM. et al., 2005, Hum Mol Genet 14 (14):1955-63. Koduri V. et al., 2007, Biochemistry 46:6570-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74136552
NCBI GeneID	23184
NCBI Accession #	NP_055969.1
NCBI GenBank Nucleotide #	NM_015154.2
UniProt Accession #	Q14696; Q969U1; B4DW84; D3DW96
Molecular Weight	14,895 Da
NCBI Official Full Name	LDLR chaperone MESD
NCBI Official Synonym Full Names	mesoderm development candidate 2
NCBI Official Symbol	MESDC2
NCBI Official Synonym Symbols	BOCA; MESD
NCBI Protein Information	LDLR chaperone MESD; mesoderm development protein; renal carcinoma antigen NY-REN-61
UniProt Protein Name	LDLR chaperone MESD
UniProt Gene Name	MESDC2
UniProt Synonym Gene Names	KIAA0081; MESD

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mesdc2-antibody-immunoprecipitation-western-blot-elisa/255262>