

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

Anti-MESDC2 Antibody, Rabbit Polyclonal

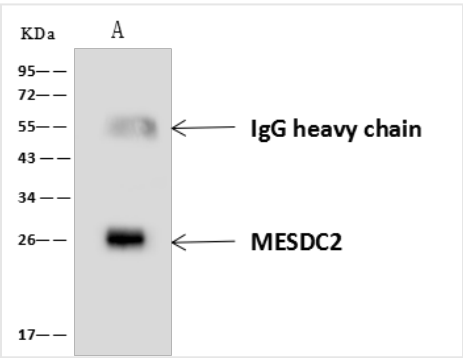
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|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------|
| CATALOG #<br><b>AAA256101</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunoprecipitation, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------|

### PRODUCT SYNONYMS

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

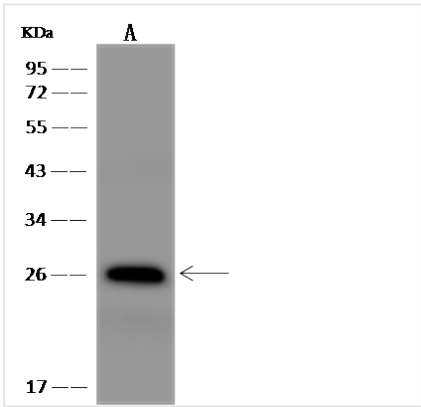
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                     | Human                                                                                                                                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                        | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                    | Human MESDC2                                                                                                                                                                                                                                       |
| Purity/Purification                            | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                    | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-MESD antibody | IP (Immunoprecipitation), WB (Western Blot)                                                                                                                                                                                                        |
| Immunogen                                      | E Coli-derived Human MESDC2 fragment                                                                                                                                                                                                               |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                       |
| Preparation                                    | Produced in rabbits immunized with E Coli-derived Human MESDC2 fragment, and purified by antigen 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. Avoid repeated freeze-thaw cycles. |



IP (Immunoprecipitation)

MESDC2 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-MESDC2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MESDC2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 28 kDa. Observed band size: 26 kDa.



WB (Western Blot)

Anti-MESDC2 rabbit polyclonal antibody at 1:500 dilution. Lane A: HeLa Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**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.