

## Rabbit anti-Human PIG3 Polyclonal Antibody | anti-TP53I3 antibody

Anti-PIG3 Antibody, Rabbit Polyclonal

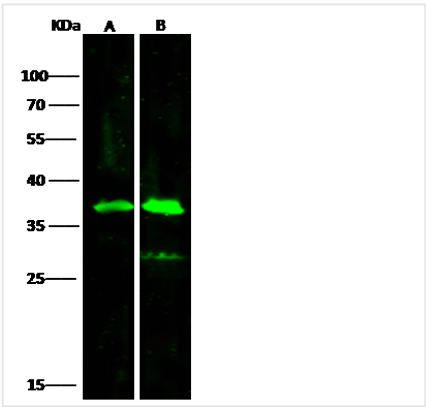
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                             |
|-----------|--------|------------|------------------------------------------|
| AAA255826 | Rabbit | Human      | Immunoprecipitation, ELISA, Western Blot |

### PRODUCT SYNONYMS

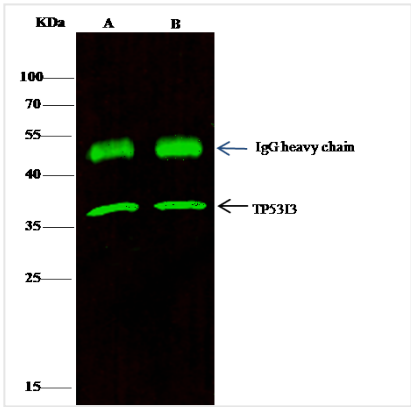
PIG3; Polyclonal Antibody; Anti-PIG3 Antibody; Rabbit Polyclonal; PIG3/TP53I3 Antibody; Rabbit PAb; Antigen Affinity Purified; tumor protein p53 inducible protein 3; Anti-TP53I3 Antibody; anti-TP53I3 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                |
| Reactivity                                       | Human                                                                                                                                                                                                                                                                 |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                            |
| Isotype                                          | Rabbit IgG                                                                                                                                                                                                                                                            |
| Specificity                                      | Human PIG3/TP53I3                                                                                                                                                                                                                                                     |
| Purity/Purification                              | Protein A & Antigen Affinity                                                                                                                                                                                                                                          |
| Form/Format                                      | Liquid; 0.2um filtered solution in PBS                                                                                                                                                                                                                                |
| Applicable Applications for anti-TP53I3 antibody | IP (Immunoprecipitation), ELISA, WB (Western Blot)                                                                                                                                                                                                                    |
| Immunogen                                        | Recombinant Human PIG3/TP53I3 protein                                                                                                                                                                                                                                 |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                                          |
| Preparation                                      | Produced in rabbits immunized with purified, recombinant Human PIG3/TP53I3 (rh PIG3/TP53I3). PIG3/TP53I3 specific IgG was purified by Human PIG3/TP53I3 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-TP53I3 rabbit polyclonal antibody at 1:500 dilutionLane A: MCF7 Whole Cell LysateLane B: HepG2 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:36 kDaObserved band size:36 kDa(We are unsure as to the identity of these extra bands.



**IP (Immunoprecipitation)**  
TP53I3 was immunoprecipitated using:Lane A:0.5 mg HepG2 Whole Cell LysateLane B:0.5 mg MCF-7 Whole Cell Lysate2 uL anti-TP53I3 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-TP53I3 rabbit polyclonal antibody,at 1:200 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: 36 kDaObserved band size: 36 kDa

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TP53I3 antibody | Nutlin-3 variably induces apoptosis and cell cycle arrest in cancer cells while it shows low/absent cytotoxicity in normal cells, Nutlin-3 is a promising anti-cancer agent, which exhibits activity against a variety of cancers, including acute myeloid leukemia (AML). The important role of TP53I3/PIG3 in mediating the apoptotic activity of Nutlin-3 was underlined by knock-down experiments with siRNA specific for TP53I3/PIG3, which resulted in a significant decrease in the pro-apoptotic activity of Nutlin-3. |
| Product Categories/Family for anti-TP53I3 antibody   | P38 MAPK Signaling Pathway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**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.