

Rabbit PDRG Polyclonal Antibody | anti-PDRG1 antibody

PDRG Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285426	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PDRG; Polyclonal Antibody; PDRG Antibody (N-term); p53 and DNA damage-regulated protein 1; PDRG1; C20orf126; anti-PDRG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDRG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-41 amino acids from the N-terminal region of human PDRG.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	12-41
Sequence Length	133
Applicable Applications for anti-PDRG1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of hela cells using PDRG Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded mouse testis tissue reacted with PDRG Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of PDRG Antibody (N-term) in A2058 cell line lysates (35ug/lane).
PDRG (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PDRG1 antibody	PDRG may play a role in chaperone-mediated protein folding (Potential).
Product Categories/Family for anti-PDRG1 antibody	Signal Transduction
References	Cloutier,P., et.al., Methods 48 (4), 381-386 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	18079254
NCBI GeneID	81572
NCBI Accession #	NP_110442.1
NCBI GenBank Nucleotide #	NM_030815.2
UniProt Accession #	Q9NUG6 ; Q96GP3 ; Q9BUW8 ; B2R511
Molecular Weight	15511
NCBI Official Full Name	p53 and DNA damage-regulated protein 1
NCBI Official Synonym Full Names	p53 and DNA-damage regulated 1
NCBI Official Symbol	PDRG1
NCBI Official Synonym Symbols	PDRG; C20orf126
NCBI Protein Information	p53 and DNA damage-regulated protein 1
UniProt Protein Name	p53 and DNA damage-regulated protein 1
UniProt Gene Name	PDRG1
UniProt Synonym Gene Names	C20orf126; PDRG
UniProt Entry Name	PDRG1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdrg-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285426>