

Rabbit anti-Human PDRG1 Polyclonal Antibody | anti-PDRG1 antibody

Anti-PDRG1 Antibody, Rabbit Polyclonal

CATALOG # AAA255723	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

PDRG1; Polyclonal Antibody; Anti-PDRG1 Antibody; Rabbit Polyclonal; PDRG1/C20orf126 Antibody; Rabbit PAb; Antigen Affinity Purified; p53 and DNA-damage regulated 1; Anti-C20orf126 Antibody; Anti-PDRG Antibody; anti-PDRG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PDRG1/C20orf126
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PDRG1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human PDRG1/C20orf126 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human PDRG1/C20orf126 (rh PDRG1/C20orf126). PDRG1/C20orf126 specific IgG was purified by Human PDRG1/C20orf126 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.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human PDRG1 in human testis with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human PDRG1 in human lung cancer with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PDRG1 antibody	PDRG1, also known as C2orf126, belongs to the prefoldin subunit beta family. It is predominantly expressed in normal testis and exhibits reduced but detectable expression in other organs. PDRG1 may play a role in chaperone-mediated protein folding. PDRG1 is overexpressed in tumors relative to normal tissues. Its expression is upregulated in multiple malignancies including cancers of the colon, rectum, ovary, lung, stomach, breast and uterus when compared to their respective matched normal tissues. Thus PDRG1 is a high-value novel tumor marker that could play a role in cancer development and/or progression.
References	Kim W. et al., 2011, Mol Cell. 44 (2): 325-40. Havugimana PC. et al., 2012, Cell. 150 (5): 1068-81. Jiang L. et al., 2011, Cancer Biol Ther. 11 (6): 567-73.

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	15,511 Da
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; p53 and DNA damage regulated 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/pdrg1-antibody-immunohistochemistry-elisa/255723>