

## Anti-PDRG1 Antibody

Catalog Number: A13826-2

### About PDRG1

PDRG1 codes for a novel protein called p53 and DNA damage-regulated protein 1. Human PDRG1 is predominantly expressed in normal testis and its expression can be induced by UV irradiation and be repressed by p53 [PMID14562055]. Recently, PDRG1 was identified as a novel tumor marker for multiple malignancies that is selectively regulated by genotoxic stress. Its expression was upregulated in multiple malignancies including cancers of the colon, rectum, ovary, lung, stomach, breast and uterus when compared to normal tissues [PMID: 21193842], suggesting its being a novel tumor marker that could play a role in cancer development and/or progression.

### Overview

Product Name	Anti-PDRG1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PDRG1 Antibody catalog # A13826-2. Tested in WB, IHC, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt $-20^{\circ}\text{C}$ as supplied. 6 months $2$ to $8^{\circ}\text{C}$ after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9NUG6

### Technical Details

Immunogen	E.coli-derived human PDRG1 recombinant protein (Position: S3-I130).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400

ELISA, 1:100-1000

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