SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-PRR11 antibody

Catalog Number: SL6237R

FOR RESEARCH USE ONLY

[DATASHEET]

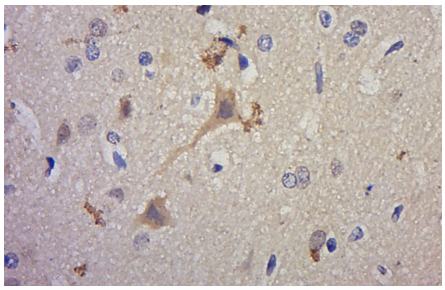
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	PRR11
Immunogen:	KLH conjugated synthetic peptide derived from human PRR11: 201-300/360
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Pig,Cow,Horse,Sheep)
Predicted MW.:	40kDa
Subcellular Location:	cytoplasmic
Background:	PRR11 (proline rich 11) is a 360 amino acid protein that is encoded by a gene located on human chromosome 17. Human chromosome 17 comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. **Subcellular Location:** Cytoplasm. **Post-translational modifications:** Ubiquitinated (Probable). Rapidly

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	degraded by the proteasome; degradation may involve FBXW7-specific phosphorylated phosphodegron motifs. **Database links:** **Entrez Gene:** 615857 Cow **Entrez Gene:** 610044 Dog **Entrez Gene:** 55771 Human **Entrez Gene:** 270906 Mouse **Entrez Gene:** 360591 Rat **SwissProt:** Q96HE9 Human **SwissProt:** Q8BHE0 Mouse **Unigene:** 631750 Human **Unigene:** 132381 Mouse

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Proline rich protein 11) Polyclonal Antibody, Unconjugated (SL6237R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

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