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Rabbit Anti-PRR11 antibody

SL6237R

Product Name:	PRR11
Chinese Name:	富含脯氨酸蛋白11抗体
Alias:	Proline rich protein 11; PRR-11; PRR 11; PRR11_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	40kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PRR11:201-300/360
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 degraded by the proteasome; degradation may involve FBXW7-specific phosphorylated phosphodegron motifs.

SWISS:
Q96HE9

Gene ID:
55771

Database links:

Entrez Gene: 615857 Cow

Entrez Gene: 610044 Dog

Entrez Gene: 55771 Human

Entrez Gene: 270906 Mouse

Entrez Gene: 360591 Rat

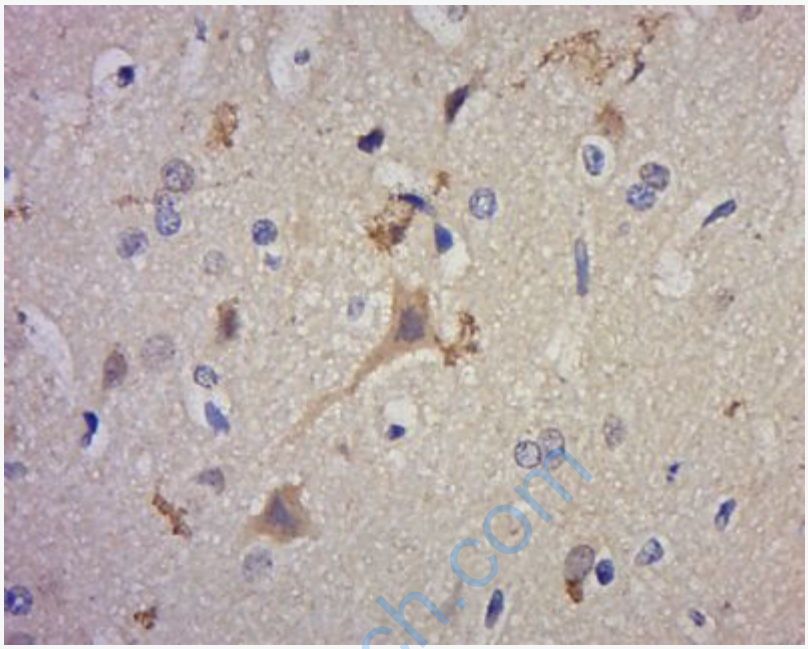
SwissProt: Q96HE9 Human

SwissProt: Q8BHE0 Mouse

Unigene: 631750 Human

Unigene: 132381 Mouse

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

Picture:	 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.