

Rabbit Phosphatidylserine Receptor Polyclonal Antibody | anti-PSR antibody

Phosphatidylserine Receptor (PSR) Polyclonal Antibody

CATALOG # AAA144737	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

Phosphatidylserine Receptor; Polyclonal Antibody; Phosphatidylserine Receptor (PSR) Polyclonal Antibody; JMJD6; PTDSR; Jumonji Domain Containing 6; JmjC domain-containing protein 6; Bifunctional Arginine Demethylase And Lysyl-Hydroxylase; Peptide-lysine 5-dioxygenase JMJD6; anti-PSR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PSR. It has been selected for its ability to recognize PSR in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	373
Applicable Applications for anti-PSR antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Human
Fragment	PSR (Met1~Glu334)
Quality Control	Content: The quality control contains recombinant PSR (Met1~Glu334) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: PSR knockout Hela cell lysate; Predicted MW: 43~48kd Observed MW: 50kd Primary Ab: 1ug/ml Rabbit Anti-Human PSR Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)

DAB staining on fromalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human K562 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human PSR Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSR antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125988395
NCBI GeneID	23210
NCBI Accession #	NP_001074930.1
NCBI GenBank Nucleotide #	NM_001081461.1
UniProt Accession #	Q6NYC1; Q86VY0; Q8IUM5; Q9Y4E2; B3KMN8; B4DGX1
Molecular Weight	47,626 Da
NCBI Official Full Name	bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 isoform 1
NCBI Official Synonym Full Names	arginine demethylase and lysine hydroxylase
NCBI Official Symbol	JMJD6
NCBI Official Synonym Symbols	PSR; PTDSR; PTDSR1
NCBI Protein Information	bifunctional arginine demethylase and lysyl-hydroxylase JMJD6
UniProt Protein Name	Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6
UniProt Gene Name	JMJD6
UniProt Synonym Gene Names	KIAA0585; PTDSR; Protein PTDSR

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.