

QSER1 Rabbit pAb

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Catalog # AP57626

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q2KHR3
Reactivity	Mouse
Predicted	Rat, Human, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	189972
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human QSER1
Epitope Specificity	1401-1500/1735
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Also called Glutamine and serine-rich protein 1. There are two isoforms.

Additional Information

Gene ID	79832
Other Names	Glutamine and serine-rich protein 1, QSER1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	QSER1
Function	Plays an essential role in the protection and maintenance of transcriptional and developmental programs. Protects many bivalent promoters and poised enhancers from hypermethylation, showing a marked preference for these regulatory elements over other types of promoters or enhancers. Mechanistically, cooperates with TET1 and binds to DNA in a common complex to inhibit the binding of DNMT3A/3B and therefore de novo

methylation.

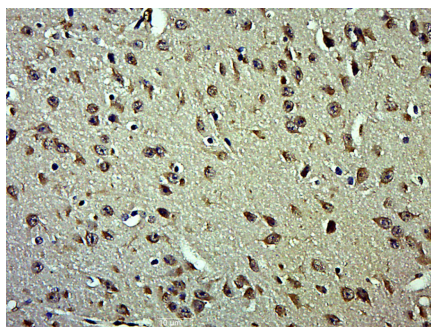
Cellular Location

Chromosome.

Background

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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 (QSER1) Polyclonal Antibody, Unconjugated (AP57626) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.