

C20orf196 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59351**Specification**

C20orf196 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8IYI0
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22938

C20orf196 Polyclonal Antibody - Additional Information**Gene ID** 149840**Other Names**

Shieldin complex subunit 1 {ECO:0000312|HGNC:HGNC:26318}, RINN1-REV7-interacting novel NHEJ regulator 3, Shield complex subunit 1, SHLD1 ([HGNC:26318](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=26318))

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

C20orf196 Polyclonal Antibody - Protein Information**Name** SHLD1 ([HGNC:26318](#))**Function**

Component of the shieldin complex, which plays an important role in repair of DNA double-stranded breaks (DSBs). During G1 and S phase of the cell cycle, the complex functions downstream of TP53BP1 to promote non-homologous end joining (NHEJ) and suppress DNA end resection. Mediates various NHEJ-dependent processes including immunoglobulin class-switch recombination, and fusion of unprotected telomeres.

Cellular Location

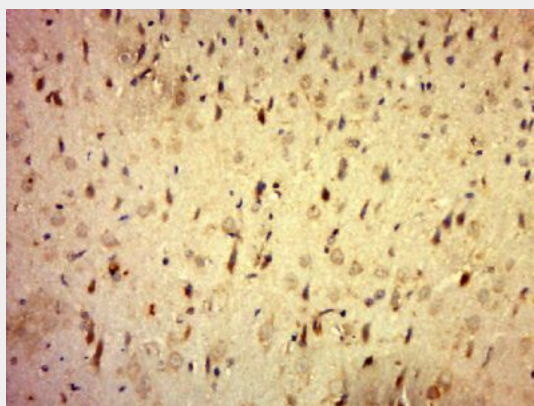
Chromosome.

C20orf196 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C20orf196 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (C20orf196) Polyclonal Antibody, Unconjugated (bs-9699R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.