

C1orf55 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13502**Specification**

C1orf55 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q6IQ49
Other Accession	NM_152608 , NP_689821
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Horse
Clonality	Rabbit
Calculated MW	Polyclonal 50kDa KDa

C1orf55 antibody - C-terminal region - Additional Information**Gene ID** 163859**Alias Symbol** **FLJ35382, RP4-671D7.1, dj671D7.1, C1orf55****Other Names**

Protein SDE2 homolog, SDE2, C1orf55

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-C1orf55 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

C1orf55 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

C1orf55 antibody - C-terminal region - Protein Information**Name** SDE2**Synonyms** C1orf55**Function**

Inhibits translesion DNA synthesis by preventing monoubiquitination of PCNA, this is necessary to counteract damage due to ultraviolet light-induced replication stress (PubMed:27906959). SDE2 is cleaved following PCNA binding, and its complete degradation is necessary to allow S-phase progression following DNA damage (PubMed:27906959).

target="_blank">27906959).

Cellular Location

Nucleus. Cytoplasm

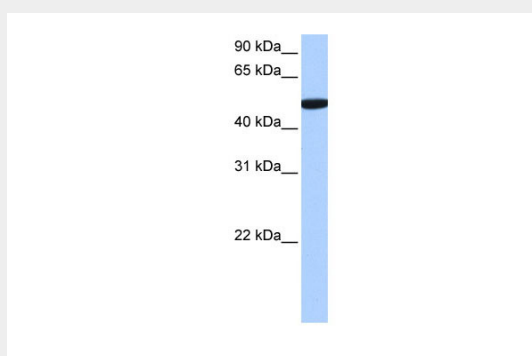
Tissue Location

Ubiquitously expressed; enriched in brain, lung and liver.

C1orf55 antibody - C-terminal region - 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](#)

C1orf55 antibody - C-terminal region - Images

WB Suggested Anti-C1orf55 Antibody Titration: 0.2-1 µg/ml
Positive Control: 721_B cell lysate

C1orf55 antibody - C-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Gregory S.G., et al. Nature 441:315-321(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Matsuoka S., et al. Science 316:1160-1166(2007).
Cantin G.T., et al. J. Proteome Res. 7:1346-1351(2008).