

C1orf55 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13502

Product Information

Application	WB
Primary Accession	Q6IQ49
Other Accession	NM_152608 , NP_689821
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49742

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.

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).
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Ubiquitously expressed; enriched in brain, lung and liver.

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).

Images



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

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