

C7orf43 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14069**Specification**

C7orf43 antibody - middle region - Product Information

Application	WB
Primary Accession	O8WVR3
Other Accession	NM_018275 , NP_060745
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Guinea Pig, Dog
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62kDa KDa

C7orf43 antibody - middle region - Additional Information**Gene ID** 55262**Alias Symbol** **DKFZp761G0712, FLJ10925**
Other Names
Uncharacterized protein C7orf43, C7orf43**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-C7orf43 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

C7orf43 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

C7orf43 antibody - middle region - Protein Information**Name** TRAPPC14 ([HGNC:25604](#))**Function**

Specific subunit of the TRAPP (transport protein particle) II complex, a highly conserved vesicle tethering complex that functions in late Golgi trafficking as a membrane tether (PubMed: [31467083](http://www.uniprot.org/citations/31467083), PubMed: [30715179](http://www.uniprot.org/citations/30715179)). TRAPP II complex has also GEF activity toward RAB1A (By similarity). TRAPPC14 is dispensable for TRAPPII complex integrity but mediates RAB31P preciliary vesicle trafficking to the mother centriole during ciliogenesis (PubMed: [31467083](http://www.uniprot.org/citations/31467083)). Modulates YAP1 activity as transcriptional regulator

(PubMed:30447097).

Cellular Location

Cytoplasm, cytoskeleton, spindle. Vesicle. Midbody Cytoplasm. Note=During mitosis, precedes alpha-tubulin in gap formation of cell abscission at the midbody and is co-localized with PLK1 at the edges of microtubules extensions of daughter cells post cytokinesis abscission (PubMed:30715179) Colocalizes with RAB3IP on preciliary vesicles (PubMed:31467083)

Tissue Location

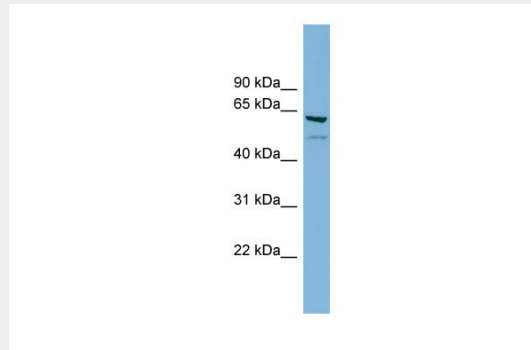
Broadly expressed. High levels in brain, cerebellum, testis and whole blood.

C7orf43 antibody - middle 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](#)

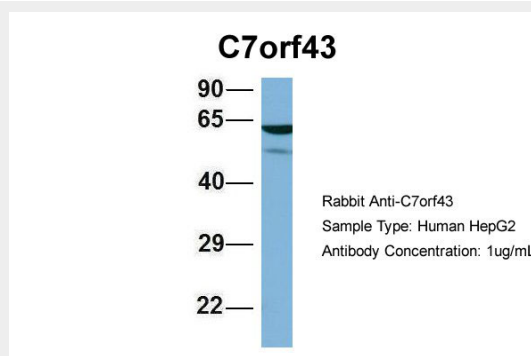
C7orf43 antibody - middle region - Images



WB Suggested Anti-C7orf43 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Hela cell lysate

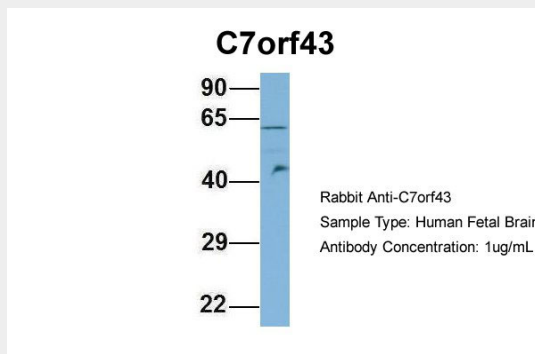


Host:Rabbit

Target Name:C7orf43

Sample Tissue:HepG2

Antibody Dilution: 1.0µg/ml C7orf43 is supported by BioGPS gene expression data to be expressed in HepG2



Host:Rabbit

Target Name:C7orf43

Sample Tissue:Human Fetal Brain

Antibody Dilution: 1.0µg/ml

C7orf43 antibody - middle region - References

Wiemann S., et al. Genome Res. 11:422-435(2001).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Scherer S.W., et al. Science 300:767-772(2003).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).