

# C17orf81 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13629

## Product Information

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q8TE02</a>                                |
| Other Accession   | <a href="#">NM_203413</a> , <a href="#">NP_981958</a> |
| Reactivity        | Human                                                 |
| Predicted         | Human                                                 |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 33197                                                 |

## Additional Information

|                             |                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID                     | 23587                                                                                                                                                                                             |
| Alias Symbol<br>Other Names | DERP6, HSPC002, MST071, MSTP071, C17orf81<br>Elongator complex protein 5, Dermal papilla-derived protein 6, S-phase 2 protein, ELP5, C17orf81, DERP6                                              |
| 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-C17orf81 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                 | C17orf81 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

## Protein Information

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | ELP5 {ECO:0000303   PubMed:22854966, ECO:0000312   HGNC:HGNC:30617}                                                                                                                                                                                                                                                                                                                                                                                                |
| Function          | Component of the elongator complex which is required for multiple tRNA modifications, including mcm5U (5-methoxycarbonylmethyl uridine), mcm5s2U (5-methoxycarbonylmethyl-2-thiouridine), and ncm5U (5-carbamoylmethyl uridine) (PubMed: <a href="#">29332244</a> ). The elongator complex catalyzes formation of carboxymethyluridine in the wobble base at position 34 in tRNAs (PubMed: <a href="#">29332244</a> ). Involved in cell migration (By similarity). |
| Cellular Location | Nucleus. Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tissue Location   | Ubiquitously expressed with high levels in heart, brain, liver, skeletal muscle                                                                                                                                                                                                                                                                                                                                                                                    |

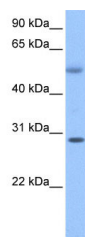
## References

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Yuan J.,et al.Mol. Biol. Rep. 33:151-158(2006).  
Ikeda A.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Zody M.C.,et al.Nature 440:1045-1049(2006).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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WB Suggested Anti-C17orf81 Antibody Titration: 0.2-1  
µg/ml  
Positive Control: Human Muscle

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