

# ZNF711 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10524

## Product Information

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|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q9Y462</a>                                |
| Other Accession   | <a href="#">NM_021998</a> , <a href="#">NP_068838</a> |
| Reactivity        | Human, Mouse, Rat, Zebrafish, Dog, Bovine             |
| Predicted         | Human, Pig, Chicken, Dog, Bovine                      |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 86245                                                 |

## Additional Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID                  | 7552                                                                                                                                                                                            |
| Alias Symbol             | CMPX1, ZNF4, ZNF5, ZNF6, Zfp711, dj75N13.1, MRX97                                                                                                                                               |
| Other Names              | Zinc finger protein 711, Zinc finger protein 6, ZNF711, CMPX1, ZNF6                                                                                                                             |
| 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-ZNF711 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              | ZNF711 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

## Protein Information

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| Name              | ZNF711                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms          | CMPX1, ZNF6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Function          | Transcription regulator required for brain development (PubMed: <a href="#">20346720</a> ). Probably acts as a transcription factor that binds to the promoter of target genes and recruits PHF8 histone demethylase, leading to activated expression of genes involved in neuron development, such as KDM5C (PubMed: <a href="#">20346720</a> , PubMed: <a href="#">31691806</a> ). May compete with transcription factor ARX for activation of expression of KDM5C (PubMed: <a href="#">31691806</a> ). |
| Cellular Location | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Tissue Location**

Expressed in neural tissues.

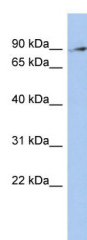
**References**

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Ross, M.T., (2005) Nature 434 (7031), 325-337  
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Images**

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WB Suggested Anti-ZNF711 Antibody Titration: .2-1 µg/ml  
ELISA Titer: 1:3125  
Positive Control: OVCAR-3 cell lysate

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