

# ANKRD13B antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13478

## Product Information

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|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q86YJ7</a>                                |
| Other Accession   | <a href="#">NM_152345</a> , <a href="#">NP_689558</a> |
| Reactivity        | Human, Mouse, Rat, Pig, Dog, Guinea Pig, Bovine       |
| Predicted         | Human, Rat, Pig, Guinea Pig, Bovine                   |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 70205                                                 |

## Additional Information

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| Gene ID                  | 124930                                                                                                                                                                                            |
| Alias Symbol             | FLJ20418, FLJ25555                                                                                                                                                                                |
| Other Names              | Ankyrin repeat domain-containing protein 13B, ANKRD13B                                                                                                                                            |
| 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-ANKRD13B 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              | ANKRD13B antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                               |

## Protein Information

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | ANKRD13B                                                                                                                                                                                                                                                                       |
| Function          | Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Does not bind 'Lys-48'-linked ubiquitin. Positively regulates the internalization of ligand-activated EGFR by binding to the Ub moiety of ubiquitinated EGFR at the cell membrane. |
| Cellular Location | Cell membrane. Late endosome. Early endosome. Note=Interaction with EGFR may enhance association with the cell membrane                                                                                                                                                        |

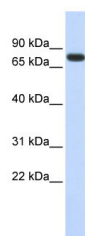
## References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Zody M.C.,et al.Nature 440:1045-1049(2006).  
Tanno H.,et al.Mol. Biol. Cell 23:1343-1353(2012).  
Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).

## Images

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WB Suggested Anti-ANKRD13B Antibody Titration: 0.2-1  
 $\mu\text{g/ml}$   
ELISA Titer: 1:312500  
Positive Control: Human heart

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