

**KIAA0317 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12516****Specification****KIAA0317 antibody - middle region - Product Information**

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Application       | WB                                                                               |
| Primary Accession | <a href="#">O15033</a>                                                           |
| Other Accession   | <a href="#">NM_001039479</a> , <a href="#">NP_001034568</a>                      |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog |
| Predicted Host    | Human, Rabbit, Pig, Chicken, Bovine, Dog                                         |
| Clonality         | Rabbit                                                                           |
| Calculated MW     | Polyclonal<br>94kDa KDa                                                          |

**KIAA0317 antibody - middle region - Additional Information****Gene ID** 9870**Alias Symbol** KIAA0317,  
**Other Names**  
Apoptosis-resistant E3 ubiquitin protein ligase 1, 6.3.2.-, AREL1, KIAA0317**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-KIAA0317 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**

KIAA0317 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**KIAA0317 antibody - middle region - Protein Information****Name** AREL1 {ECO:0000303|PubMed:23479728, ECO:0000312|HGNC:HGNC:20363}**Function**

E3 ubiquitin-protein ligase that catalyzes 'Lys-11'- or 'Lys- 33'-linked polyubiquitin chains, with some preference for 'Lys-33' linkages (PubMed:<a href="http://www.uniprot.org/citations/25752577" target="\_blank">25752577</a>). E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates (PubMed:<a href="http://www.uniprot.org/citations/23479728" target="\_blank">23479728</a>, PubMed:<a href="http://www.uniprot.org/citations/31578312" target="\_blank">31578312</a>). Ubiquitinates SEPTIN4, DIABLO/SMAC and HTRA2 in vitro (PubMed:<a href="http://www.uniprot.org/citations/25752577" target="\_blank">25752577</a>).

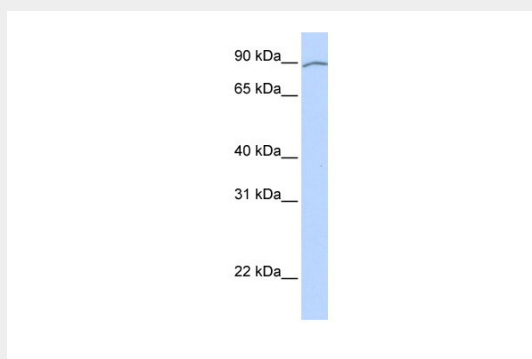
href="http://www.uniprot.org/citations/23479728" target="\_blank">23479728</a>). Modulates pulmonary inflammation by targeting SOCS2 for ubiquitination and subsequent degradation by the proteasome (PubMed:<a href="http://www.uniprot.org/citations/31578312" target="\_blank">31578312</a>).

### **KIAA0317 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](#)

### **KIAA0317 antibody - middle region - Images**



WB Suggested Anti-KIAA0317 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Human heart

### **KIAA0317 antibody - middle region - References**

Heilig,R.,(2003)Nature421(6923),601-607ReconstitutionandStorage:Forshorttermuse,storeat2-8°Cupto1week.Forlongtermstorage,storeat-20°Cin small aliquots to prevent freeze-thaw cycles.