

## Rabbit OLA1 Polyclonal Antibody | anti-OLA1 antibody

OLA1 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA175326</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

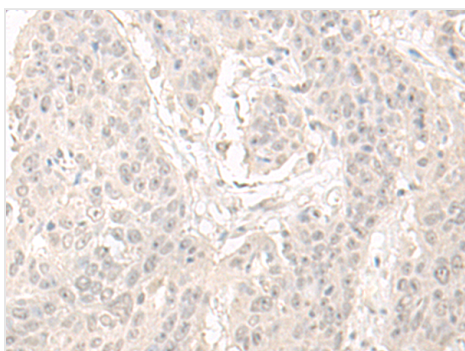
### PRODUCT SYNONYMS

OLA1; Polyclonal Antibody; OLA1 Polyclonal Antibody; DKFZp313H1942; DNA damage-regulated overexpressed in cancer 45 protein; DOC45; EC 3.6.3; GBP45; GTP-binding protein 9 (putative); GTP-binding protein 9; GTP-binding protein PTD004; Homologous yeast-44.2 protein; Obg like ATPase 1; Obg-like ATPase 1; PTD004; anti-OLA1 antibody

### PRODUCT SPECIFICATIONS

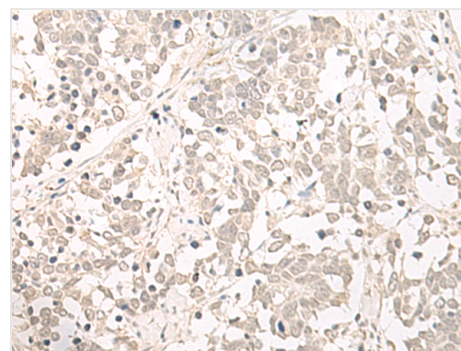
|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human, Mouse, Rat                                       |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 0.96mg/mL (varies by lot)                               |
| Sequence Length                                | 238                                                     |
| Applicable Applications for anti-OLA1 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                      | Fusion protein of human OLA1                            |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using OLA1 Polyclonal Antibody at dilution of 1:55(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using OLA1 Polyclonal Antibody at dilution of 1:55(×200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-OLA1 antibody | This gene encodes a member of the GTPase protein family. The encoded protein interacts with breast cancer-associated gene 1 (BRCA1) and BRCA1-associated RING domain protein (BARD1), and is involved in centrosome regulation. Overexpression of this gene has been observed in multiple types of cancer and may be associated with poor survival. Pseudogenes of this gene have been defined on chromosomes 17 and 22. |
| Product Categories/Family for anti-OLA1 antibody   | Cancer; Cell Biology; Signal transduction                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 58761502                            |
| NCBI GeneID                      | 29789                               |
| NCBI Accession #                 | NP_001011708.1; BC012842            |
| NCBI GenBank Nucleotide #        | NP_001011708.1                      |
| UniProt Accession #              | Q9NTK5                              |
| NCBI Official Full Name          | obg-like ATPase 1 isoform 2         |
| NCBI Official Synonym Full Names | Obg like ATPase 1                   |
| NCBI Official Symbol             | OLA1                                |
| NCBI Official Synonym Symbols    | DOC45; GBP45; GTBP9; GTPBP9; PTD004 |
| NCBI Protein Information         | obg-like ATPase 1                   |
| UniProt Protein Name             | Obg-like ATPase 1                   |
| UniProt Gene Name                | OLA1                                |
| UniProt Synonym Gene Names       | DOC45                               |
| UniProt Entry Name               | OLA1_HUMAN                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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