

## Rabbit anti-Human, Mouse WDR45 Polyclonal Antibody | anti-WDR45 antibody

WDR45 Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176160</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

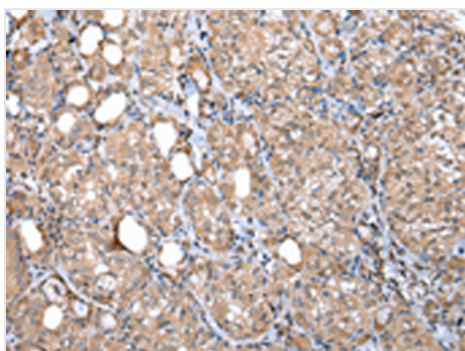
### PRODUCT SYNONYMS

WDR45; Polyclonal Antibody; WDR45 Polyclonal Antibody; JM5; NBIA4; WD repeat containing protein 45; WD repeat domain 45; WD repeat domain phosphoinositide interacting protein 4; WD repeat domain; X linked 1; WD45 repeat protein interacting with phosphoinositides 4; WDRX1; WDRX14; WIPI 4; WIPI-4; WIPI4; anti-WDR45 antibody

### PRODUCT SPECIFICATIONS

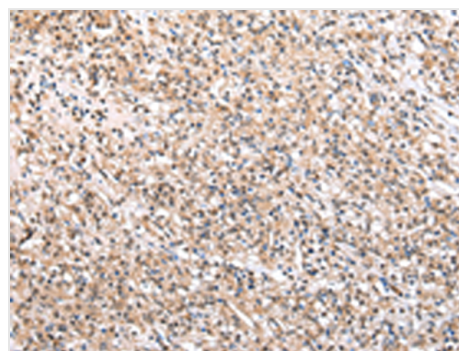
|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Host                                            | Rabbit                                                  |
| Reactivity                                      | Human, Mouse                                            |
| 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                                   | 0.9mg/mL (varies by lot)                                |
| Sequence Length                                 | 360                                                     |
| Applicable Applications for anti-WDR45 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                       | Fusion protein of human WDR45                           |
| Conjugation                                     | Unconjugated                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using WDR45 Polyclonal Antibody at dilution of 1:35(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using WDR45 Polyclonal Antibody at dilution of 1:35(×200)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-WDR45 antibody | This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene has a pseudogene at chromosome 4q31.3. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity and full-length nature of some variants have not been determined. |
| Product Categories/Family for anti-WDR45 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 71483646                                                          |
| NCBI GeneID                      | 11152                                                             |
| NCBI Accession #                 | NP_001025067.1; BC000464                                          |
| NCBI GenBank Nucleotide #        | NP_001025067.1                                                    |
| UniProt Accession #              | Q9Y484                                                            |
| NCBI Official Full Name          | WD repeat domain phosphoinositide-interacting protein 4 isoform 2 |
| NCBI Official Synonym Full Names | WD repeat domain 45                                               |
| NCBI Official Symbol             | WDR45                                                             |
| NCBI Official Synonym Symbols    | JM5; NBIA4; NBIA5; WDRX1; WIPI4; WIPI-4                           |
| NCBI Protein Information         | WD repeat domain phosphoinositide-interacting protein 4           |
| UniProt Protein Name             | WD repeat domain phosphoinositide-interacting protein 4           |
| UniProt Gene Name                | WDR45                                                             |
| UniProt Synonym Gene Names       | WDRX1; WDRX14; WIPI4; WIPI-4                                      |

**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.