

## Rabbit anti-Human, Mouse KMT2B Polyclonal Antibody | anti-KMT2B antibody

KMT2B Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA309240</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

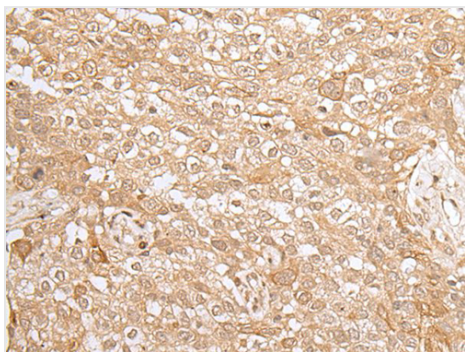
### PRODUCT SYNONYMS

KMT2B; Polyclonal Antibody; KMT2B Antibody; HRX2; MLL2; MLL4; TRX2; WBP7; MLL1B; WBP-7; CXXC10; anti-KMT2B antibody

### PRODUCT SPECIFICATIONS

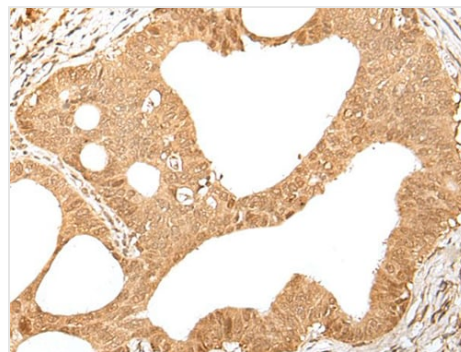
|                                                 |                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------|
| Host                                            | Rabbit                                                          |
| Reactivity                                      | Human, Mouse                                                    |
| Clonality                                       | Polyclonal                                                      |
| Specificity                                     | The antibody detects endogenous levels of total KMT2B protein.  |
| Purity/Purification                             | Antigen affinity purification                                   |
| Form/Format                                     | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                   | 1.4mg/ml (varies by lot)                                        |
| Sequence Length                                 | 2715                                                            |
| Applicable Applications for anti-KMT2B antibody | IHC (Immunohistochemistry)                                      |
| Immunogen                                       | Synthetic peptide of human KMT2B                                |
| Immunogen Type                                  | Peptide                                                         |
| Preparation and Storage                         | Store at -20 degree C                                           |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using KMT2B Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using KMT2B Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KMT2B antibody | This gene encodes a protein which contains multiple domains including a CXXC zinc finger, three PHD zinc fingers, two FY-rich domains, and a SET (suppressor of variegation, enhancer of zeste, and trithorax) domain. The SET domain is a conserved C-terminal domain that characterizes proteins of the MLL (mixed-lineage leukemia) family. This gene is ubiquitously expressed in adult tissues. It is also amplified in solid tumor cell lines, and may be involved in human cancer. Two alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene, however, the full length nature of the shorter transcript is not known. |
| Product Categories/Family for anti-KMT2B antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| NCBI GI #                        | 7662046                                                                      |
| NCBI GeneID                      | 9757                                                                         |
| NCBI Accession #                 | NP_055542.1                                                                  |
| NCBI GenBank Nucleotide #        | NM_014727.2                                                                  |
| UniProt Accession #              | Q9UMN6; O15022; O95836; Q96GP2; Q96IP3; Q9UK25; Q9Y668; Q9Y669               |
| Molecular Weight                 | 61,562 Da                                                                    |
| NCBI Official Full Name          | histone-lysine N-methyltransferase 2B                                        |
| NCBI Official Synonym Full Names | lysine methyltransferase 2B                                                  |
| NCBI Official Symbol             | KMT2B                                                                        |
| NCBI Official Synonym Symbols    | HRX2; MLL2; MLL4; TRX2; WBP7; MLL1B; WBP-7; CXXC10                           |
| NCBI Protein Information         | histone-lysine N-methyltransferase 2B                                        |
| UniProt Protein Name             | Histone-lysine N-methyltransferase 2B                                        |
| UniProt Gene Name                | KMT2B                                                                        |
| UniProt Synonym Gene Names       | HRX2; KIAA0304; MLL2; MLL4; TRX2; WBP7; Lysine N-methyltransferase 2B; WBP-7 |
| UniProt Entry Name               | KMT2B_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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