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# Rabbit Anti-ZNF674 antibody

SL16524R

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| **Product Name:** | ZNF674 |
| **Chinese Name:** | Zinc finger protein674抗体 |
| **Alias:** | MENTAL RETARDATION, X LINKED 92; MRX92; ZN674_HUMAN; Zinc finger family member 674; Zinc finger protein 674; ZNF673B. |
| **Organism Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **React Species:** | Human, |
| **Applications:** | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Molecular weight:** | 67kDa |
| **Cellular localization:** | The nucleus |
| **Form:** | Lyophilized or Liquid |
| **Concentration:** | 1mg/ml |
| **immunogen:** | KLH conjugated synthetic peptide derived from human ZNF674:301-400/581 |
| **Lsotype:** | IgG |
| **Purification:** | affinity purified by Protein A |
| **Storage Buffer:** | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| **Storage:** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| **PubMed:** | PubMed |
| **Product Detail:** | This gene encodes a zinc finger protein with an N-terminal Kruppel-associated box-containing (KRAB) domain and 11 Kruppel-type C2H2 zinc finger domains. Like other zinc finger proteins, this gene may function as a transcription factor. This gene resides on an area of chromosome X that has been implicated in nonsyndromic X-linked mental retardation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2010] |

**Function:**
ZNF674 belongs to the krueppel C2H2-type zinc-finger protein family and contains 11 C2H2-type zinc fingers and 1 KRAB domain. ZNF674 may be involved in transcriptional regulation. Defects in ZNF674 may be the cause of mental retardation X-linked type 92 (MRX92). Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.

**Subcellular Location:**
Nuclear

**Tissue Specificity:**
Expressed in testis.

**Similarity:**
Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 11 C2H2-type zinc fingers.
Contains 1 KRAB domain.

**SWISS:**
Q2M3X9

**Gene ID:**
641339

**Database links:**

Entrez Gene: 641339 Human

Omim: 300573 Human

SwissProt: Q2M3X9 Human

**Important Note:**
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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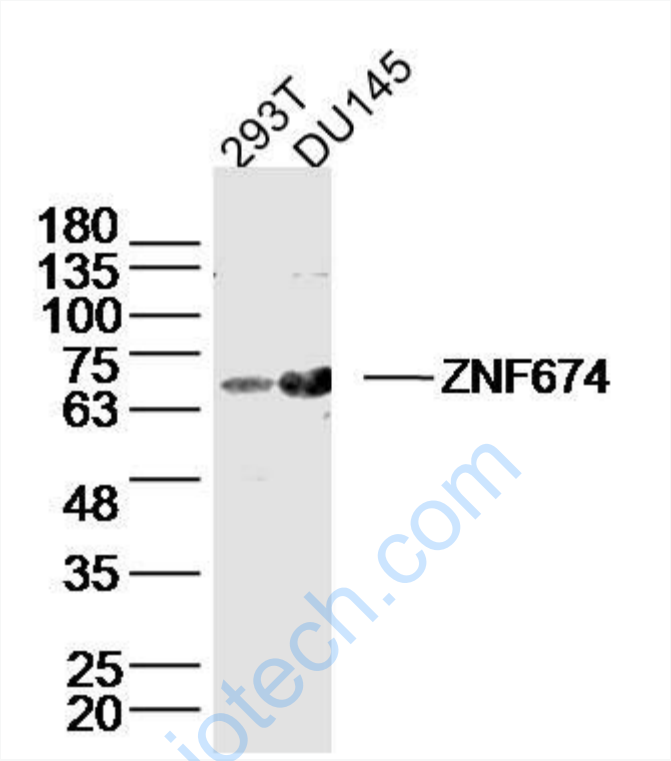
| **Picture:** |  <br>Sample:<br>293T Cell (Human) Lysate at 40 ug<br>DU145 Cell (Human) Lysate at 40 ug<br>Primary: Anti-ZNF674 (SL16524R) at 1/300 dilution<br>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br>Predicted band size: 67 kD<br>Observed band size: 67 kD |