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# Immunotag™ ULK2 Polyclonal Antibody

## Antibody Specification

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| Catalog No. | ITT5809 |
| Product Description | Immunotag™ ULK2 Polyclonal Antibody |
| Size | 50 µg, 100 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | ULK2 |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,ELISA |
| Recommended Dilution | WB 1:500-2000, ELISA 1:10000-20000 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | Synthetic peptide from human protein at AA range: 930-1000 |
| Specificity | The antibody detects endogenous ULK2 protein |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Gene Name | ULK2 KIAA0623 |
| Accession No. | Q8IYT8 Q9QY01 |
| Alternate Names | ULK2 KIAA0623 |

## Antibody Specification

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| Description | unc-51 like autophagy activating kinase 2(ULK2) Homo sapiens This gene encodes a protein that is similar to a serine/threonine kinase in C. elegans which is involved in axonal elongation. The structure of this protein is similar to the C. elegans protein in that both proteins have an N-terminal kinase domain, a central proline/serine rich (PS) domain, and a C-terminal (C) domain. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Dec 2008], |
| Cell Pathway/ Category | Regulation of autophagy,mTOR, |
| Protein Expression | Brain,Testis, |
| Subcellular Localization | cytoplasmic vesicle membrane,pre-autophagosomal structure membrane, |
| Protein Function | catalytic activity:ATP + a protein = ADP + a phosphoprotein.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain., |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |