

## Rabbit anti-Human HIF3A Polyclonal Antibody | anti-HIF3A antibody

HIF3A antibody - C-terminal region

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA198541</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

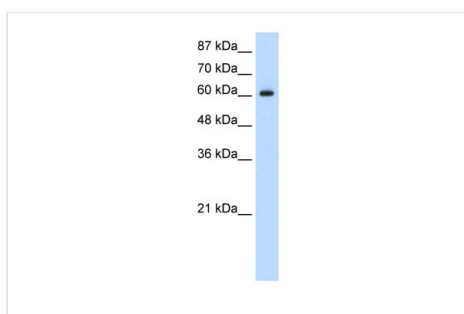
### PRODUCT SYNONYMS

HIF3A; Polyclonal Antibody; HIF3A antibody - C-terminal region; anti-HIF3A antibody

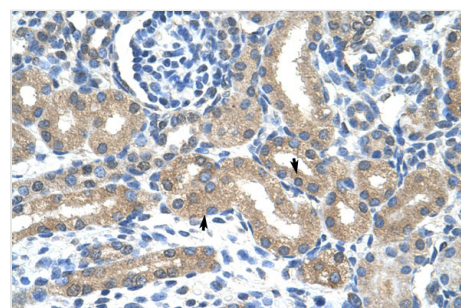
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Protein A purified                                                                                                                                    |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: PG SLQDPSTPLL NLNEPLGLGP SLLSPYSDED TTQPGGPFQP RAGSAQAD                                                  |
| Sequence Length                                 | 667                                                                                                                                                   |
| Applicable Applications for anti-HIF3A antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                        | Human: 100%                                                                                                                                           |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the C terminal region of human HIF3A                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-HIF3A Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that HIF3A is expressed in HepG2


**IHC (Immunohistochemistry)**

Human kidney

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HIF3A antibody | <p>This is a rabbit polyclonal antibody against HIF3A. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: HIF3A is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression.The protein encoded by this gene is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. At least three transcript variants encoding three different isoforms have been found for this gene.</p> |
| Product Categories/Family for anti-HIF3A antibody   | Polyclonal; Transcription Regulation; Immunohistochemistry; Hypoxia; Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 23065535                                                     |
| NCBI GeneID                      | 64344                                                        |
| NCBI Accession #                 | NP_690007                                                    |
| NCBI GenBank Nucleotide #        | NM_152794                                                    |
| UniProt Accession #              | Q9Y2N7                                                       |
| Molecular Weight                 | 72kDa                                                        |
| NCBI Official Full Name          | hypoxia-inducible factor 3-alpha isoform a                   |
| NCBI Official Synonym Full Names | hypoxia inducible factor 3 subunit alpha                     |
| NCBI Official Symbol             | HIF3A                                                        |
| NCBI Official Synonym Symbols    | IPAS; MOP7; PASD7; HIF-3A; bHLHe17; HIF3-alpha-1             |
| NCBI Protein Information         | hypoxia-inducible factor 3-alpha                             |
| UniProt Protein Name             | Hypoxia-inducible factor 3-alpha                             |
| UniProt Gene Name                | HIF3A                                                        |
| UniProt Synonym Gene Names       | BHLHE17; MOP7; PASD7; HIF-3-alpha; HIF3-alpha; bHLHe17; IPAS |
| UniProt Entry Name               | HIF3A_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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