

Immunotag™ POU4F3 Antibody

| Antibody Specification | |
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| Catalog No. | ITA4519 |
| Product Description | Immunotag™ POU4F3 Antibody |
| Size | 100 µg, 200 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 | POU4F3 |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IF/ICC,ELISA |
| Recommended Dilution | WB 1:500~1:1000, IF/ICC 1:100-1:500 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide |
| Specificity | POU4F3 Antibody detects endogenous levels of total POU4F3 |
| Purification | The antiserum was purified by peptide affinity chromatography. |
| Form | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt |
| Gene Name | POU4F3 |
| Accession No. | Q15319 |
| Alternate Names | Brain specific homeobox/POU domain protein 3C; Brain-3C; Brain-specific homeobox/POU domain protein 3C; BRN 3C; Brn-3C; BRN3C; class 4; DFNA 15; DFNA15; MGC138412; PO4F3_HUMAN; POU class 4 homeobox 3; POU domain; POU domain class 4 transcription factor 3; POU4F3; transcription factor 3; |

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| Description | Acts as a transcriptional activator (PubMed:18228599). Acts by binding to sequences related to the consensus octamer motif 5'-ATGCAAAT-3' in the regulatory regions of its target genes (PubMed:18228599). Involved in the auditory system development, required for terminal differentiation of hair cells in the inner ear (By similarity). |
| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 35 KD |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |