

## Immunotag™ POU4F3 Antibody

### Antibody Specification

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.