

## Product datasheet for **TA332043**

### POU3F3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-POU3F3 Antibody: synthetic peptide directed towards the N terminal of human POU3F3. Synthetic peptide located within the following region: GGGGGGGGGAGGGGGGMQPGSAAVTSGAYRGDPSSVKMVQSDFMQGAMAA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	POU class 3 homeobox 3
Database Link:	<a href="#">NP_006227</a> <a href="#">Entrez Gene 5455 Human P20264</a>
Background:	POU3F3 is the transcription factor that acts synergistically with SOX11 and SOX4. POU3F3 plays a role in neuronal development. POU3F3 is implicated in an enhancer activity at the embryonic met-mesencephalic junction; the enhancer element contains the octamer motif (5'-ATTTGCAT-3'). POU3F3 is a member of the class III POU family of transcription factors (see POU3F1; MIM 602479) that are expressed in the central nervous system. The POU domain in these proteins is required for high affinity binding to octamer DNA sequences Sumiyama et al. (1996) [PubMed 8703082]. [supplied by OMIM]



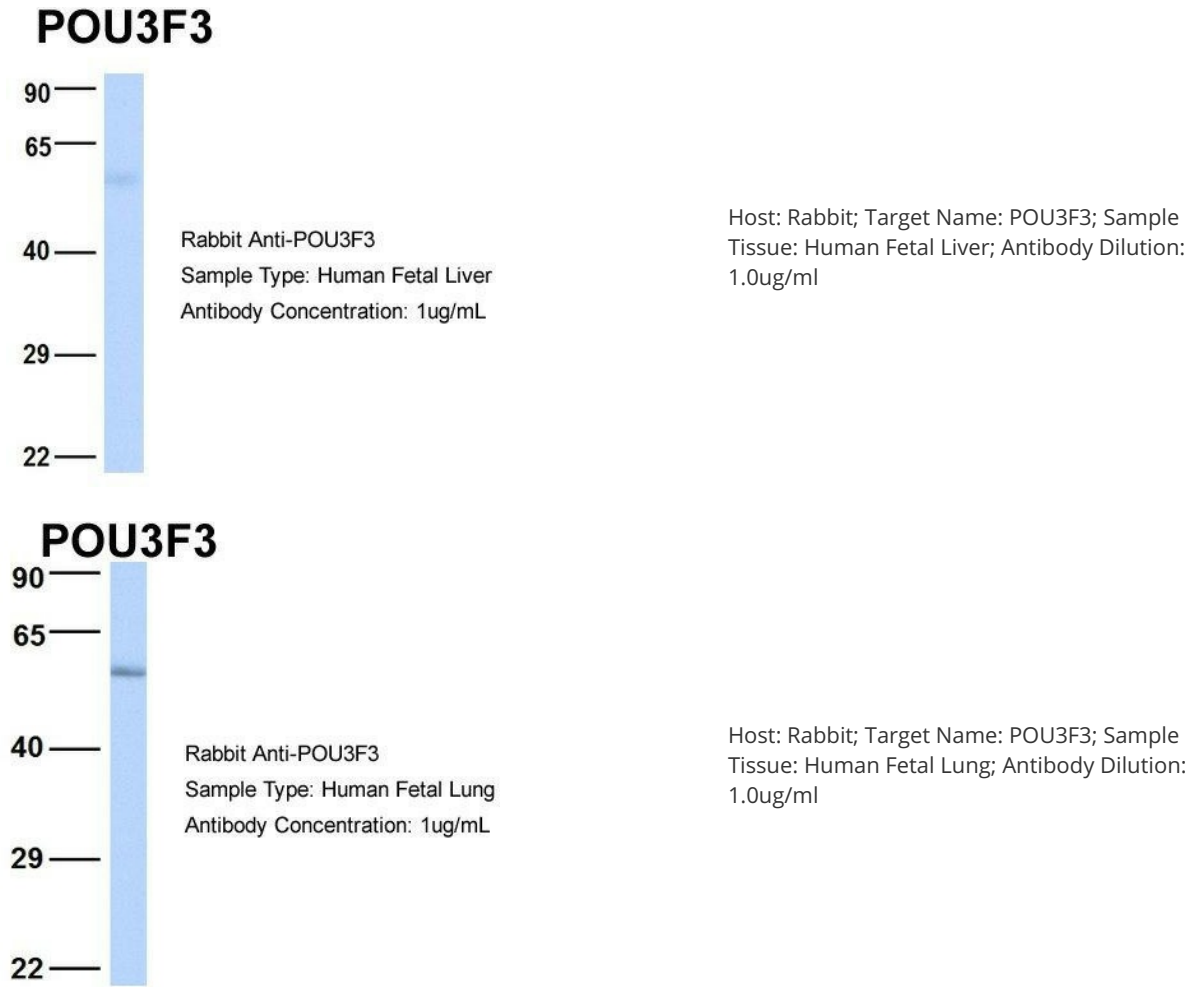
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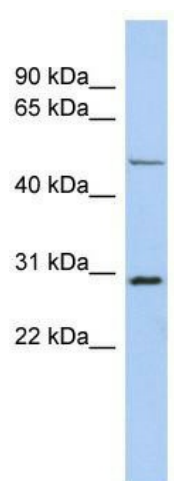
**Synonyms:** brain-1; BRN1; oct-8; OTF8

**Note:** Immunogen sequence homology: Rat: 100%; Human: 100%; Mouse: 100%

**Protein Families:** Transcription Factors

**Product images:**





WB Suggested Anti-POU3F3 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: OVCAR-3 cell lysate POU3F3 is supported  
by BioGPS gene expression data to be expressed  
in OVCAR3