

Product datasheet for **TA337814**

H1oo (H1FOO) 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-H1FOO antibody: synthetic peptide directed towards the middle region of human H1FOO. Synthetic peptide located within the following region: KAPKAGQGPNTKAAAPAKGSGSKVPAHLNRKTEAPKGPRKAGLPIKASS
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	H1 histone family member O, oocyte specific
Database Link:	NP_722575 Entrez Gene 132243 Human Q8IZA3



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Background:

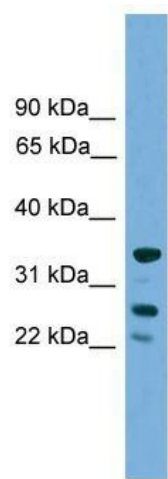
H1FOO may play a key role in the control of gene expression during oogenesis and early embryogenesis, presumably through the perturbation of chromatin structure. H1FOO is essential for meiotic maturation of germinal vesicle-stage oocytes. The somatic type linker histone H1c is rapidly replaced by H1oo in a donor nucleus transplanted into an oocyte. The greater mobility of H1oo as compared to H1c may contribute to this rapid replacement and increased instability of the embryonic chromatin structure. The rapid replacement of H1c with H1oo may play an important role in nuclear remodeling.

Synonyms:

H1.8; H1oo; osH1

Note:

Immunogen Sequence Homology: Human: 100%

Product images:

WB Suggested Anti-H1FOO Antibody Titration:
0.2-1 ug/ml; Positive Control: HepG2 cell lysate