

Product datasheet for **TA335745**

HOXB7 Rabbit Polyclonal Antibody

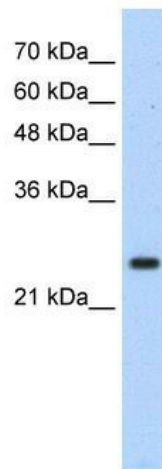
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-HOXB7 Antibody: synthetic peptide directed towards the C terminal of human HOXB7. Synthetic peptide located within the following region: IEIAHTLCLTERQIKIWFQNRRMKWKKENKTAGPGTTGQDRAEAESEEEEE
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:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	24 kDa
Gene Name:	homeobox B7
Database Link:	NP_004493 Entrez Gene 3217 Human P09629

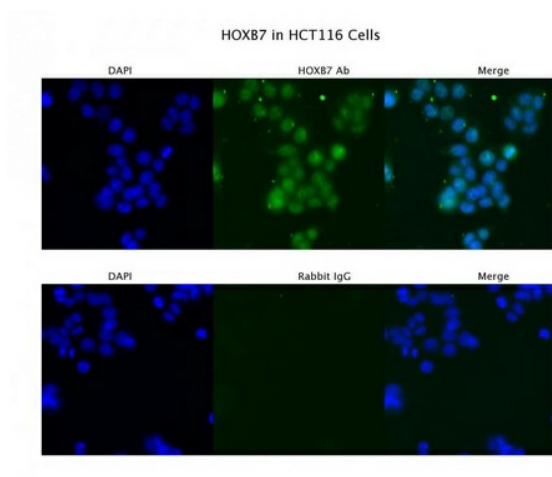


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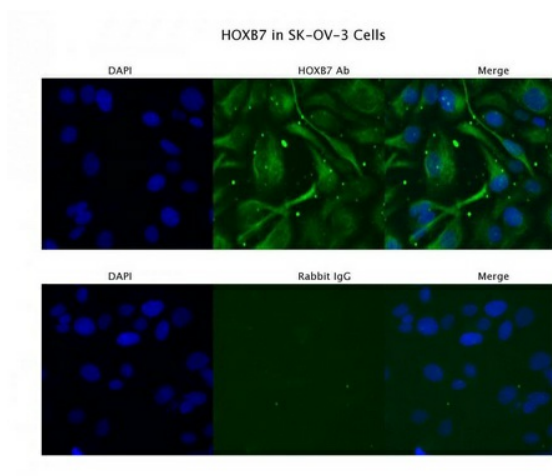
- Background:** HOXB7 belongs to the homeobox family. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB. This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma.
- Synonyms:** HHO.C1; Hox-2.3; HOX2; HOX2C
- Note:** Immunogen Sequence Homology: Human: 100%; Bovine: 100%; Mouse: 92%; Rat: 85%; Horse: 79%; Dog: 77%
- Protein Families:** Transcription Factors

Product images:

WB Suggested Anti-HOXB7 Antibody Titration:
1.25 ug/ml; ELISA Titer: 1:62500; Positive Control:
Transfected 293T



Sample Type. HCT116; Primary Antibody Dilution. 4 ug/ml; Secondary Antibody. Anti-rabbit Alexa 546; Secondary Antibody Dilution. 2 ug/ml; Gene Name. HOXB7



Sample Type. SKOV3; Primary Antibody Dilution. 4 ug/ml; Secondary Antibody. Anti-rabbit Alexa 546; Secondary Antibody Dilution. 2 ug/ml; Gene Name. HOXB7