

Product datasheet for **TA349343**

HOXB13 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: PC3 cells
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HOXB13
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	homeobox B13
Database Link:	NP_006352 Entrez Gene 15408 Mouse Entrez Gene 10481 Human Q92826

Background: This gene encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region.

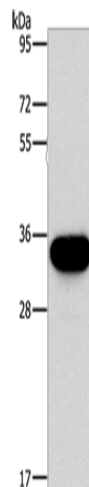
Synonyms: PSGD



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Protein Families: Transcription Factors

Product images:



Gel: 15%SDS-PAGE
Lysate: 40 μ g
Lane: PC3 cells
Primary antibody: TA349343 (HOXB13 Antibody)
at dilution 1/900
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 10 seconds