

## Product datasheet for **TA337213**

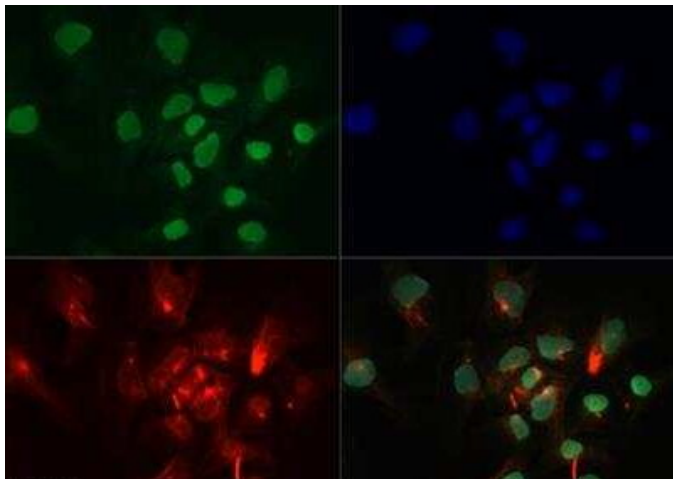
### SOX11 Rabbit Polyclonal Antibody

#### Product data:

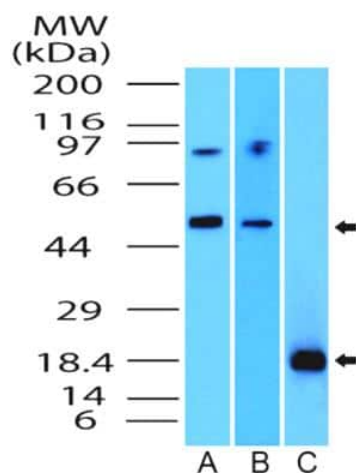
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Immunocytochemistry/ Immunofluorescence: 0.01 ug/ml, Western Blot: 1 ug/ml, Immunohistochemistry: 5 ug/ml, Immunohistochemistry-Paraffin: 5 ug/ml
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A partial recombinant portion of human SOX11 (between residues 50-300) [UniProt P35716]
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	SRY-box 11
Database Link:	<a href="#">NP_003099</a> <a href="#">Entrez Gene 6664 Human P35716</a>
Background:	This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may function in the developing nervous system and play a role in tumorigenesis.
Synonyms:	MRD27
Protein Families:	ES Cell Differentiation/IPS, Induced pluripotent stem cells



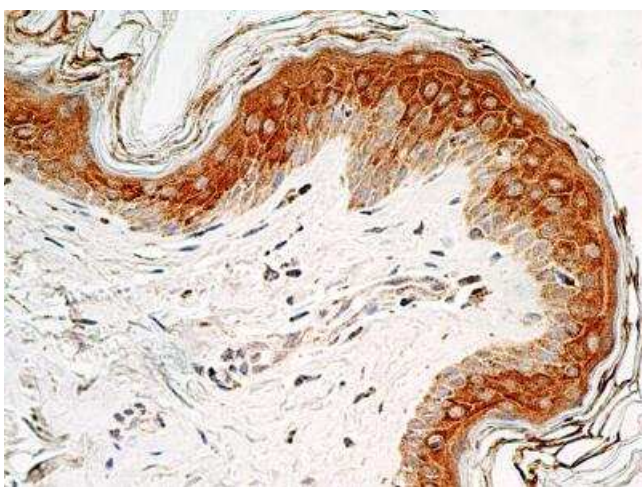
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**Product images:**

Immunocytochemistry/Immunofluorescence: SOX11 Antibody TA337213 - SOX11 antibody was tested in Ntera2 cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). An antibody concentration of 0.01 ug/ml was used. Image objective 40x.



Western Blot: SOX11 Antibody TA337213 - Detection of SOX11 protein in (A) human heart lysate, (B) human brain lysate, and (C) partial recombinant protein using SOX11 antibody at a concentration of 1 ug/ml. In human tissue lysates, this antibody detected a major band at ~46.7 kDa position which represents human SOX11.



Immunohistochemistry-Paraffin: SOX11 Antibody TA337213 - Analysis of SOX11 protein in a section of normal skin from human using 5 ug/ml concentration of SOX11 antibody. The keratinocytes in the epidermal layer of skin showed a strong cytoplasmic as well as nuclear staining pattern.