

Product datasheet for TA319646

OriGene Technologies, Inc.

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Estrogen Related Receptor beta (ESRRB) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: IF, IHC, WB

Recommended Dilution: WB: 1 ug/mL, ICC: 5 ug/mL, IF: 5 ug/mL

Reactivity: Human Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: ESRRB antibody was raised against a 19 amino acid synthetic peptide near the carboxy

terminus of human ESRRB.

Formulation: ESRRB Antibody is supplied in PBS containing 0.02% sodium azide.

Concentration: 1 mg/ml

Purification: ESRRB Antibody is affinity chromatography purified via peptide column.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: estrogen related receptor beta

Database Link: NP 004443

Entrez Gene 2103 Human

O95718

Background: ESRRB Antibody: The estrogen-related receptor beta (ESRRB) was initially identified in mouse

embryonic carcinoma stem cells and was found to be expressed exclusively in trophoblast progenitor cells between days 6.5 and 7.5 post coitum. Recent studies have shown that ESRRB is part of an POU5F1/Oct4-centered protein interaction network in embryonic stem (ES) cells. It is thought to interact with other ES transcription factors such as NANOG within this network, activating POU5F1 transcription and thereby sustaining self-renewal and

pluripotency in ES cells.

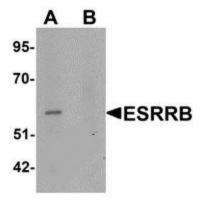
Synonyms: DFNB35; ERR2; ERRb; ESRL2; NR3B2

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

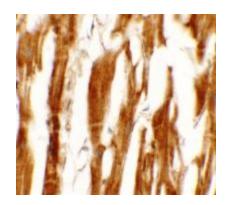




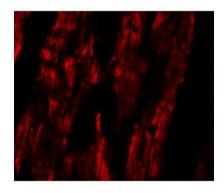
Product images:



Western blot analysis of ESRRB in human heart tissue lysate with ESRRB antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ESRR8 in human heart tissue with ESRR8 antibody at 5 ug/mL.



Immunofluorescence of ESRRB in human heart tissue with ESRRB antibody at 20 ug/mL.