OriGene Technologies, Inc.
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Product datasheet for TA323081S

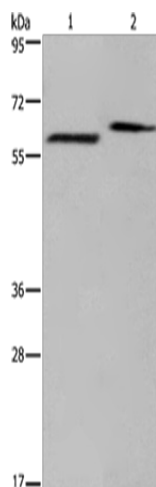## EGR4 Rabbit Polyclonal Antibody

Product data:

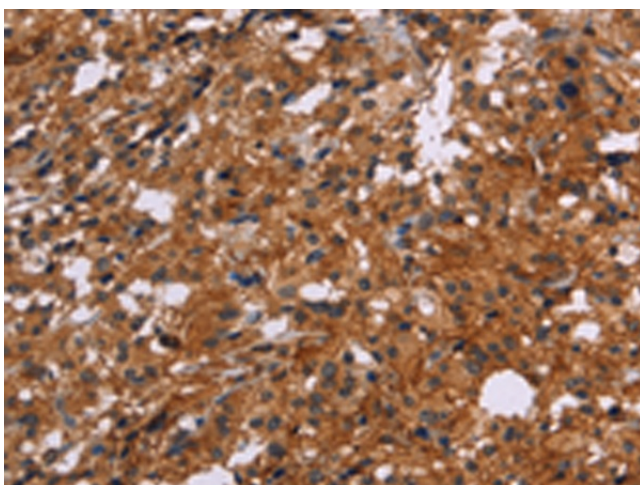|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human fetal brain and Mouse brain tissue IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 219-232 amino acids of Human early growth response 4
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
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:	51 kDa
Gene Name:	early growth response 4
Database Link:	NP_001956 Entrez Gene 13656 Mouse Entrez Gene 1961 Human Q05215
Background:	Early growth response protein 4 (EGR-4); also known as AT133; is a protein that in humans is encoded by the EGR4 gene. EGR-4 is a member of the early growth response (EGF) family of zinc finger transcription factors. Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-GCGGGGGCG-3' (GSG). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.

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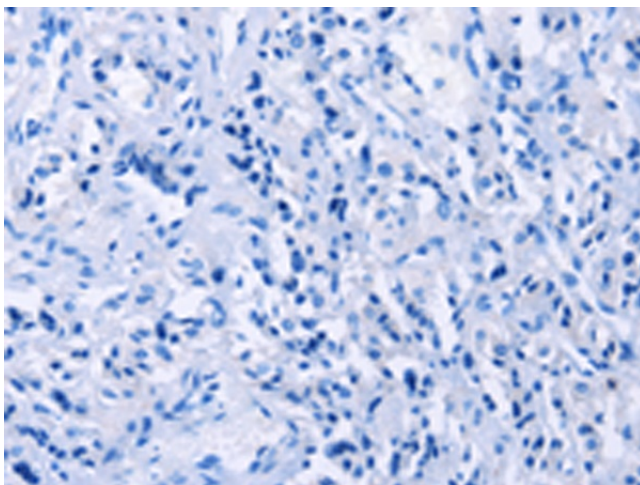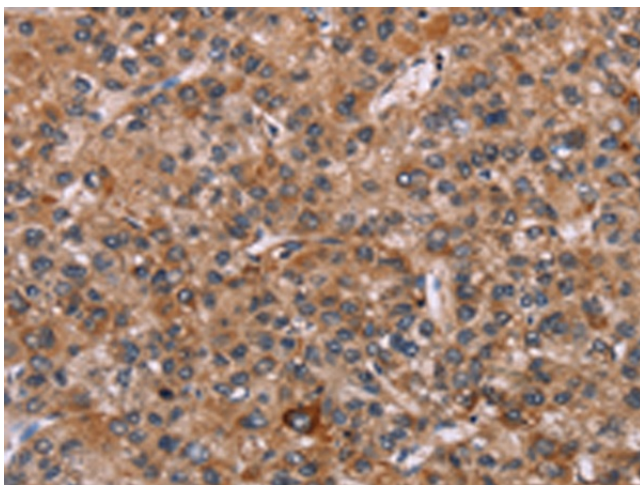**Synonyms:** NGFI-C; NGFIC; PAT133

Product images:

Gel: 6%SDS-PAGE
Lysate: 40 μg
Lane 1-2: Human fetal brain tissue
Mouse brain tissue
Primary antibody: [TA323081] (EGR4 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
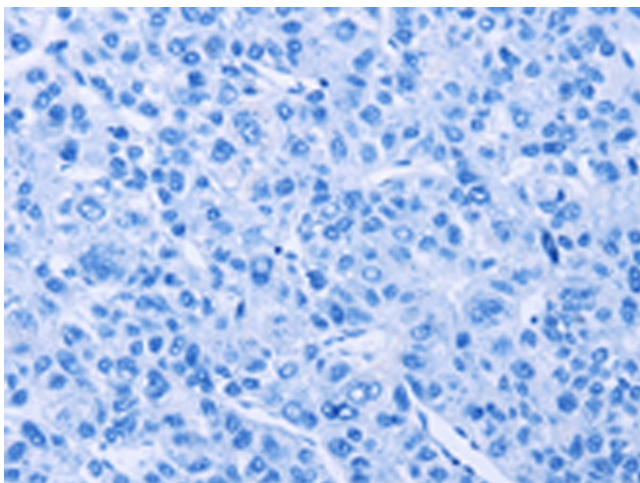Exposure time: 2 minutes

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA323081] (EGR4 Antibody) at dilution 1/20 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA323081] (EGR4 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA323081] (EGR4 Antibody) at dilution 1/20 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA323081] (EGR4 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)