

## FOXE1 RABBIT PAB

**Cat.#:** S213524

**Product Name:** Anti-FOXE1 Rabbit Polyclonal Antibody

**Synonyms:** TTF2; FOXE2; HFKH4; HFKL5; TTF2; TTF-2; FKHL15

**UNIPROT ID:** O00358 (Gene Accession - NP\_004464 )

**Background:** This intronless gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. This gene functions as a thyroid transcription factor which likely plays a crucial role in thyroid morphogenesis. Mutations in this gene are associated with congenital hypothyroidism and cleft palate with thyroid dysgenesis. The map localization of this gene suggests it may also be a candidate gene for squamous cell epithelioma and hereditary sensory neuropathy type I.

**Immunogen:** Synthetic peptide of human FOXE1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

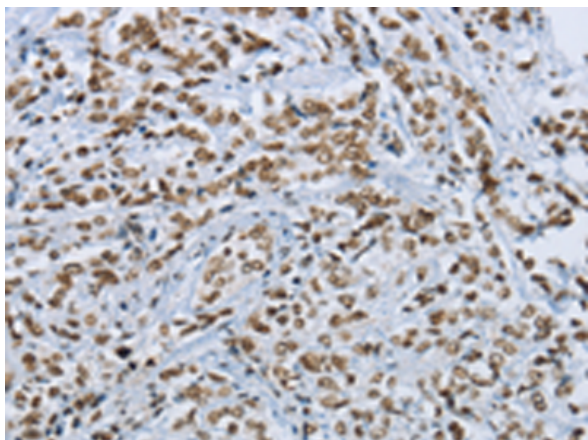
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

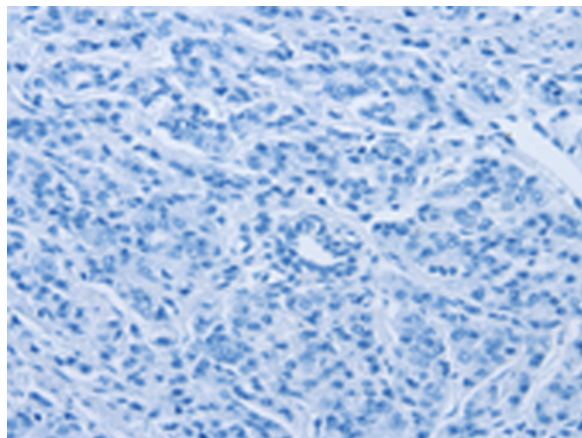
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

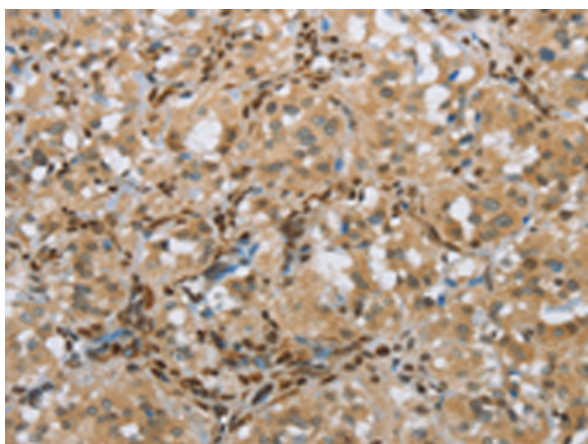
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



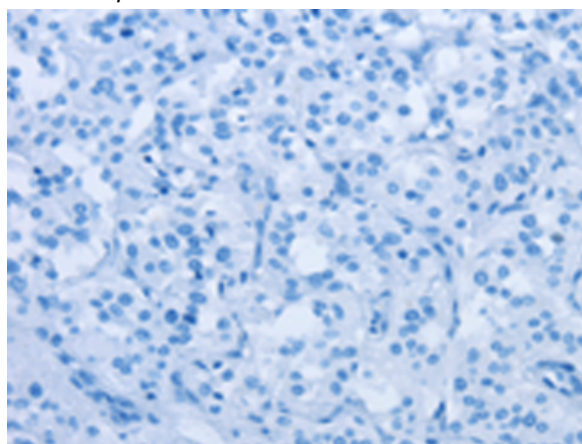
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 213524(FOXE1 Antibody) at a dilution of 1/25(Nucleus).



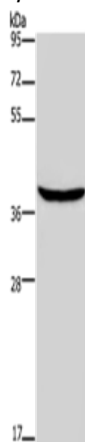
In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the synthetic peptide and then with 213524(Anti-FOXE1 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 213524(Anti-FOXE1 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D160353(Anti-FOXE1 Antibody) at dilution 1/25.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: Mouse skeletal muscle tissue;  
Primary antibody: 213524(FOXE1 Antibody) at dilution 1/300;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 2 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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