

IHC*easy* HSF1 Ready-To-Use IHC Kit

Catalog Number: **KHC1658**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

| Component | Size | Concentration |
|--------------------------|--------------------|---------------|
| Antigen Retrieval Buffer | 100 mL | 50× |
| Washing Buffer | 100 mL ×2 | 20× |
| Blocking Buffer | 5 mL | RTU |
| Primary Antibody | 5 mL | RTU |
| Secondary Antibody | 5 mL | RTU |
| Chromogen Component A | 0.2 mL | RTU |
| Chromogen Component B | 4 mL | RTU |
| Signal Enhancer | 5 mL | RTU |
| Counter Staining Reagent | 5 mL | RTU |
| Mounting Media | 5 mL | RTU |
| Control Slide | 1 slide (Optional) | FFPE |
| Datasheet | 1 Copy | |
| Manual | 1 Copy | |

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

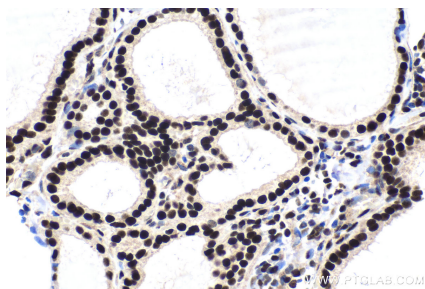
Background

HSF1 belongs to heat-shock transcription factors that activate heat-shock response genes under conditions of heat or other stresses. Also, HSF1 has been linked with oogenesis, spermatogenesis, and placental development. It can activate AKT and inactivate JNK and CASP3 to protect cardiomyocytes from death. And it has a role in the regulation of life span and establishes a role for SIRT1 in protein homeostasis and heat-shock response.

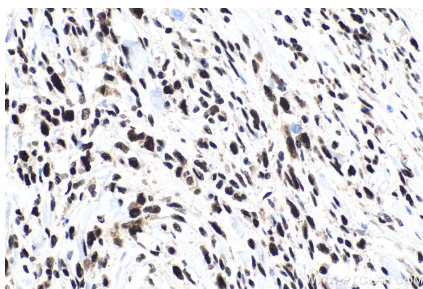
Synonyms

Heat shock factor protein 1, HSF 1, HSF1, HSTF 1, HSTF1

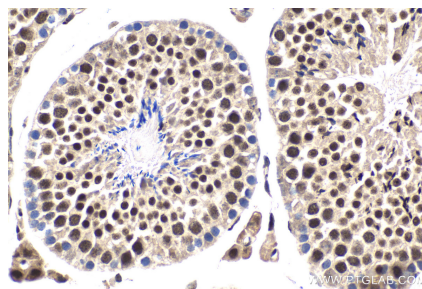
Selected Validation Data



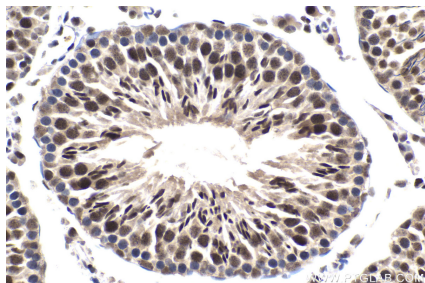
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1658 (HSF1 IHC Kit).



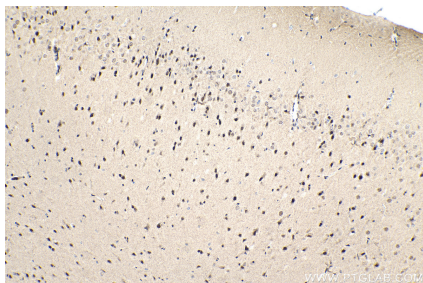
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1658 (HSF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1658 (HSF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1658 (HSF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC1658 (HSF1 IHC Kit).