

FoxE1 Polyclonal Antibody
Catalog # AP69931**Specification**

FoxE1 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O00358
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

FoxE1 Polyclonal Antibody - Additional Information**Gene ID** 2304**Other Names**

FOXE1; FKHL15; FOXE2; TITF2; TTF2; Forkhead box protein E1; Forkhead box protein E2; Forkhead-related protein FKHL15; HFKH4; HNF-3/fork head-like protein 5; HFKL5; Thyroid transcription factor 2; TTF-2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

FoxE1 Polyclonal Antibody - Protein Information**Name** FOXE1**Synonyms** FKHL15, FOXE2, TITF2, TTF2**Function**

Transcription factor that binds consensus sites on a variety of gene promoters and activate their transcription. Involved in proper palate formation, most probably through the expression of MSX1 and TGFB3 genes which are direct targets of this transcription factor. Also implicated in thyroid gland morphogenesis. May indirectly play a role in cell growth and migration through the regulation of WNT5A expression.

Cellular Location

Nucleus.

Tissue Location

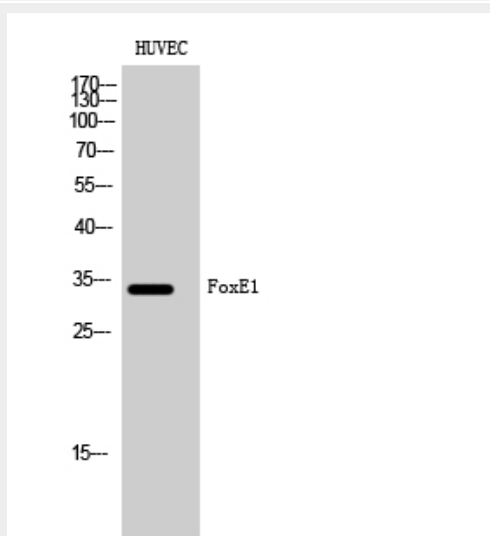
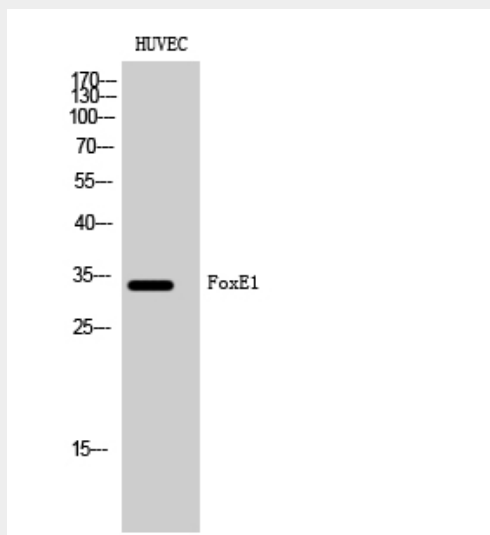
Detected in adult brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, heart, colon, small intestine testis and thymus. Expression was strongest in heart and pancreas

FoxE1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FoxE1 Polyclonal Antibody - Images



FoxE1 Polyclonal Antibody - Background

Transcription factor that binds consensus sites on a variety of gene promoters and activate their transcription. Involved in proper palate formation, most probably through the expression of MSX1 and TGFB3 genes which are direct targets of this transcription factor. Also implicated in thyroid gland morphogenesis. May indirectly play a role in cell growth and migration through the regulation of WNT5A expression.