

FoxO1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03328
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FKHR. AA range:286-335
Mol wt	69662
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	FoxO1 Antibody
Synonyms	FOXO1; FKHR; FOXO1A; Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

FOXO1 belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of FOXO1 with PAX3 has been associated with alveolar rhabdomyosarcoma.

Recommended Dilution

WB: 1: 500 - 1: 2000

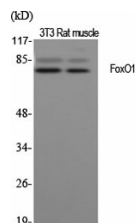
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

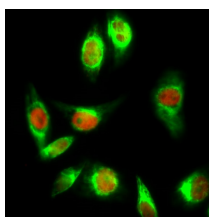
ELISA: 1: 20000

Not yet tested in other applications.

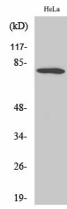
Images



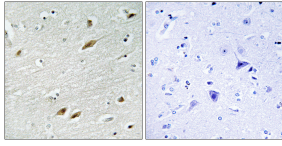
Western Blot analysis of various cells using FoxO1 Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of HeLa cell. 1, FoxO1 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). COX IV Monoclonal Antibody (6C8) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min).



Western Blot analysis of HeLa cells using FoxO1 Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using FoxO1 Antibody.
The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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