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Overview

Quantity:	100 μg
Target:	FOXE3
Binding Specificity:	AA 4-74
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXE3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Forkhead box protein E3 protein (4-74AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	FOXE3
Alternative Name:	FOXE3 (FOXE3 Products)
Background:	Background: Transcription factor that controls lens epithelial cell growth through regulation of
	proliferation, apoptosis and cell cycle (PubMed:22527307, PubMed:25504734). During lens

Target Details

development, controls the ratio of the lens fiber cells to the cells of the anterior lens epithelium by regulating the rate of proliferation and differentiation (By similarity). Controls lens vesicle closure and subsequent separation of the lens vesicle from ectoderm (By similarity). Controls the expression of DNAJB1 in a pathway that is crucial for the development of the anterior segment of the eye (PubMed:27218149).

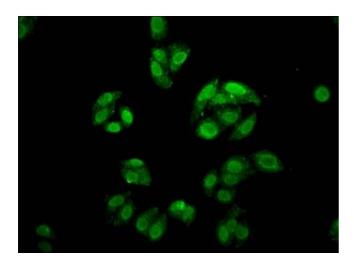
Aliases: Drosphilia Forkhead Homolog Like 12 antibody, FKHL 12 antibody, FKHL12 antibody, Forkhead Box E3 antibody, Forkhead box protein E3 antibody, Forkhead Related Activator 8 antibody, Forkhead related protein FKHL12 antibody, Forkhead-related protein FKHL12 antibody, Forkhead-related transcription factor 8 antibody, Foxe3 antibody, FOXE3 forkhead box E3 antibody, FOXE3_HUMAN antibody, FREAC 8 antibody, FREAC-8 antibody, FREAC-8 antibody

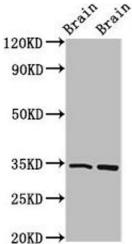
UniProt:

Q13461

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7153038 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse brain tissue, Rat brain tissue All lanes: FOXE3 antibody at $4 \mu g/mL$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 34 kDa Observed band size: 34 kDa