Datasheet for ABIN719291

anti-FOXC1 antibody (AA 101-200)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	FOXC1
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FOXC1/FREAC3
Isotype:	IgG
Cross-Reactivity:	Goat, Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	FOXC1

Target Details

Alternative Name:	FREAC3 (FOXC1 Products)
Background:	Synonyms: ARA, FKH L7, FKHL 7, FKHL7, Forkhead Drosophila like 7, Forkhead, forkhead box C1, Forkhead box protein C1,Forkhead drosophila homolog like 7, Forkhead like 7, Forkhead related activator 3, Forkhead related protein FKHL7, Forkhead related transcription factor 3, Forkhead-related protein FKHL7, Forkhead-related transcription factor 3, FOX C1, FOXC 1, FOXC1, FOXC1_HUMAN, FREAC 3,FREAC-3, FREAC3, homolog-like 7, IGDA, IHG 1, IHG1, IRID 1, IRID1, Iridogoniodysgenesis type 1, Myeloid factor delta. Background: Binding of FREAC-3 and FREAC-4 to their cognate sites results in bending of the DNA at an angle of 80-90 degrees.Involvement in disease, Defects in FOXC1 are the cause of Axenfeld-Rieger syndrome type 3 (RIEG3), also known as Axenfeld-Rieger syndrome (ARS) or Axenfeld syndrome or Axenfeld anomaly. It is characterized by posterior corneal embryotoxon, prominent Schwalbe line and iris adhesion to the Schwalbe line. Other features may be hypertelorism (wide spacing of the eyes), hypoplasia of the malar bones, congenital absence of some teeth and mental retardation. When associated with tooth anomalies, the disorder is known as Rieger syndrome. Glaucoma is a progressive blinding condition that occurs in approximately half of patients with Axenfeld-Rieger malformations.
Gene ID:	2296
Pathways:	Chromatin Binding, Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

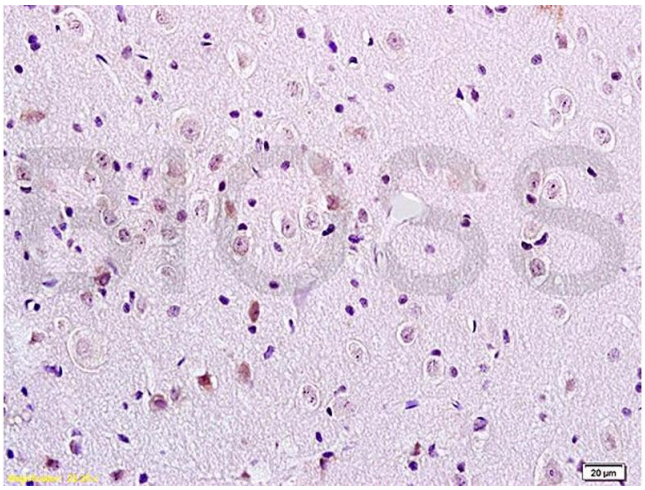
Handling

Format:	Liquid
Concentration:	1 μg/μL

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-FOXC1/FREAC3 Polyclonal Antibody, Unconjugated (ABIN719291) at 1:200 followed by conjugation to the secondary antibody and DAB staining