

FIGLA rabbit pAb

Catalog No :	YT7026
Reactivity :	Human;Mouse
Applications :	WB
Target :	FIGLA
Gene Name :	FIGLA BHLHC8
Protein Name :	FIGLA
Human Gene Id :	344018
Human Swiss Prot No :	Q6QHK4
Mouse Gene Id :	26910
Mouse Swiss Prot No :	O55208
Immunogen :	Synthesized peptide derived from human FIGLA AA range: 103-153
Specificity :	This antibody detects endogenous levels of FIGLA at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 24kD

Background :

This gene encodes a protein that functions in postnatal oocyte-specific gene expression. The protein is a basic helix-loop-helix transcription factor that regulates multiple oocyte-specific genes, including genes involved in folliculogenesis and those that encode the zona pellucida. Mutations in this gene cause premature ovarian failure type 6. [provided by RefSeq, Sep 2009],

Function :

developmental stage:Expressed in ovarian follicles (from the primordial through to the secondary stage), in mature oocytes, and less frequently in preimplantation embryos.,disease:Defects in FIGLA are the cause of premature ovarian failure type 6 (POF6) [MIM:612310]. POF is a group of heterogeneous disorders in which amenorrhea associated with elevated levels of serum gonadotropins occurs long before the age of 40 years.,function:Germline specific transcription factor implicated in postnatal oocyte-specific gene expression. Plays a key regulatory role in the expression of multiple oocyte-specific genes, including those that initiate folliculogenesis and those that encode the zona pellucida (ZP1, ZP2 and ZP3) required for fertilization and early embryonic survival. Essential for oocytes to survive and form primordial follicles. The persistence of FIGLA in adult females suggests that it ma

Subcellular Location :

Nucleus .

Expression :

Germ cells. Expressed in the fetal ovary, but not by a range of other tissues. Expression increases across mid-gestation, rising some 40-fold by the time of primordial follicle formation.

Products Images

