



FIGLA mouse mAb

Catalog No	YP-mAb-11661
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FIGLA BHLHC8
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	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	POF6;FIGalpha;Factor in the germline alpha;bHLHc8;FIGLA;FIGLA BHLHC8
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus .
Tissue Specificity	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.
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

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],

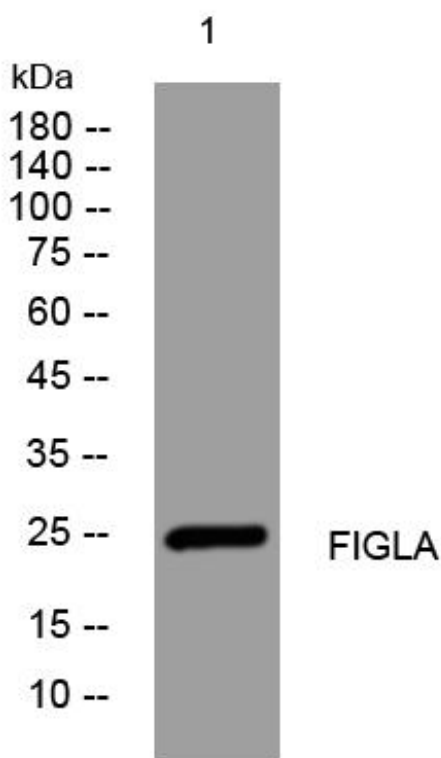
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using FIGLA mouse mAb