

Rabbit anti-Human FOXL2 Polyclonal Antibody | anti-FOXL2 antibody

FOXL2 Antibody (N-term)

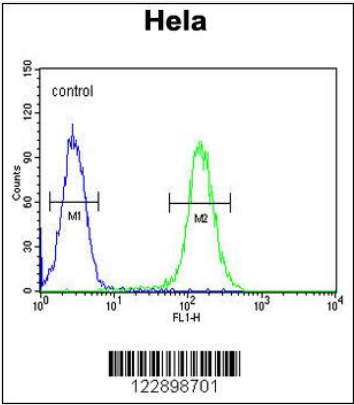
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285569	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

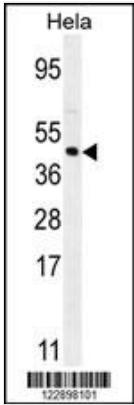
FOXL2; Polyclonal Antibody; FOXL2 Antibody (N-term); Forkhead box protein L2; anti-FOXL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FOXL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-29 amino acids from the N-terminal region of human FOXL2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	3-29
Sequence Length	376
Applicable Applications for anti-FOXL2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
FOXL2 Antibody (N-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
FOXL2 Antibody (N-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the FOXL2 antibody detected the FOXL2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXL2 antibody	This gene encodes a forkhead transcription factor. The protein contains a fork-head DNA-binding domain and may play a role in ovarian development and function. Mutations in this gene are a cause of blepharophimosis syndrome and premature ovarian failure 3.
References	Nakashima, M., et al. Nat. Genet. 42(9):768-771(2010) Kraoua, L., et al. Clin. Genet. 77(6):601-603(2010) Murphy, B.D. Nat. Med. 16(5):527-529(2010) Corpuz, P.S., et al. Mol. Endocrinol. 24(5):1037-1051(2010) Kim, T., et al. Histopathology 56(3):408-410(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	12751477
NCBI GeneID	668
NCBI Accession #	NP_075555.1
NCBI GenBank Nucleotide #	NM_023067.3
UniProt Accession #	P58012; Q4ZGJ3
Molecular Weight	38772
NCBI Official Full Name	forkhead box protein L2
NCBI Official Synonym Full Names	forkhead box L2
NCBI Official Symbol	FOXL2
NCBI Official Synonym Symbols	BPES; PFRK; POF3; BPES1; PINTO
NCBI Protein Information	forkhead box protein L2
UniProt Protein Name	Forkhead box protein L2
UniProt Gene Name	FOXL2
UniProt Entry Name	FOXL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.