

MaxPab®

FOXE1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002304-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human FOXE1 protein.
Immunogen	FOXE1 (AAI52745.1, 1 a.a. ~ 373 a.a) full-length human protein.
Sequence	MTAESGPPPPQPEVLATVKEERGETAAGAGVPGEATGRGAGGRRRKRLQRGKPPYSYALIAM AIAHAPERRLTLGGYKFITERFPFYRDNPCKWQNSIRHNLTLNDCFLKIPREAGRPGKGNYWALDP NAEDMFESGSFLRRRKRFKRSDLSTYPAYMHDAAAAAAAAAAAAAAAAAAIFPGAVPAARPPYPGA VYAGYAPPSLAAPPVYYPAAASPGPCR VFGLVPERPLSPELGAPSGPGGSCAFASAGAPATTT GYQPAGCTGARPANPSAYAAA YAGPDGAYPQGAGSAIFAAAGRLAGPASPPAGGSSGGVETTV DFYGRTPSPGQFGALGACYNPGGQLGGASAGAYHARHAAAYPGGIDRFVSAM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — FOXE1

Entrez GeneID	2304
GeneBank Accession#	BC152744.1
Protein Accession#	AAI52745.1
Gene Name	FOXE1
Gene Alias	FKHL15, FOXE2, HFKH4, HFKL5, TITF2, TTF-2, TTF2
Gene Description	forkhead box E1 (thyroid transcription factor 2)
Omim ID	241850 602617
Gene Ontology	Hyperlink
Gene Summary	This intronless gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. This gene functions as a thyroid transcription factor which likely plays a crucial role in thyroid morphogenesis. Mutations in this gene are associated with congenital hypothyroidism and cleft palate with thyroid dysgenesis. The map localization of this gene suggests it may also be a candidate gene for squamous cell epithelioma and hereditary sensory neuropathy type I. [provided by RefSeq]
Other Designations	OTTHUMP00000021756 forkhead box E1 forkhead box E2 forkhead, drosophila, homolog-like 15 forkhead-like 15 thyroid transcription factor-2

Disease

- [Abnormalities](#)
- [Carcinoma](#)
- [Choristoma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Congenital Abnormalities](#)
- [Congenital Hypothyroidism](#)
- [Genetic Predisposition to Disease](#)
- [Hypothyroidism](#)
- [Neoplasms](#)
- [Skin Neoplasms](#)

- [Syndrome](#)
- [Thyroid Dysgenesis](#)
- [Thyroid Neoplasms](#)
- [Tooth Abnormalities](#)