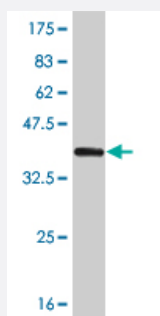


RAX monoclonal antibody (M10), clone 3E4

Catalog # H00030062-M10

Size 100 ug

Applications



Western Blot detection against Immunogen (36.34 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant RAX.
Immunogen	RAX (NP_038463, 253 a.a. ~ 346 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GATALQSLPGFGPPAQSLPASYPPTPPPPFLNSPPLGPGQLQPLAPPPPSYPCGPGFGDKFPLD EADPRNSSIAALRLKAKEHIQAIGKPWQAL*
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.34 KDa) .
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 (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RAX

Entrez GeneID [30062](#)

GeneBank Accession# [NM_013435](#)

Protein Accession# [NP_038463](#)

Gene Name RAX

Gene Alias MCOP3, RX

Gene Description retina and anterior neural fold homeobox

Omim ID [601881](#)

Gene Ontology [Hyperlink](#)

Gene Summary Development of the vertebrate eye requires a series of steps including specification of the anterior neural plate, evagination of the optic vesicles from the ventral forebrain, and the cellular differentiation of the lens and retina. Homeobox-containing genes, including RAX, play a critical role in vertebrate and invertebrate eye formation (Mathers et al., 1997 [PubMed 9177348]).[supplied by OMIM]

Other Designations retinal homeobox protein

Disease

- [Anophthalmos](#)
- [Coloboma](#)
- [Genetic Predisposition to Disease](#)
- [Microphthalmos](#)