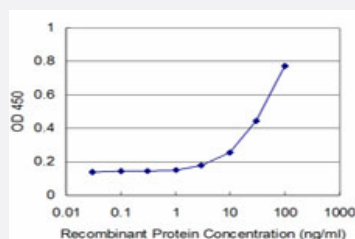


FOXO1A monoclonal antibody (M06), clone 1A6

Catalog # H00002308-M06

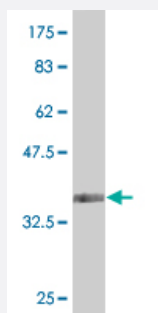
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXO1A is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FOXO1A.

Immunogen

FOXO1A (NP_002006, 556 a.a. ~ 655 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

TQVKTPVQVPLPHPMQMSALGGYSSVSSCNGYGRMGLLHQEKLPDLDGMFIERLDCDMESIIR
NDLMDGDTLDFNFDNVLPNQSFPHSVKTTTHSWVSG

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.74 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](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXO1A is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FOXO1

Entrez GeneID

[2308](#)

GeneBank Accession#

[NM_002015](#)

Protein Accession#

[NP_002006](#)

Gene Name

FOXO1

Gene Alias

FKH1, FKHR, FOXO1A

Gene Description

forkhead box O1

Omim ID

[136533](#) [268220](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq]

Other Designations

OTTHUMP00000018301|forkhead box O1A (rhabdomyosarcoma)|forkhead homolog in rhabdomyosarcoma|forkhead, Drosophila, homolog of, in rhabdomyosarcoma

Pathway

- [Insulin signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Head and Neck Neoplasms](#)
- [NARP](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)