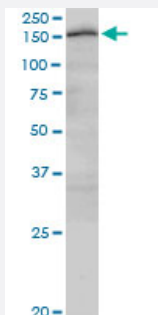


CUX2 monoclonal antibody (M03), clone 2H8

Catalog # H00023316-M03

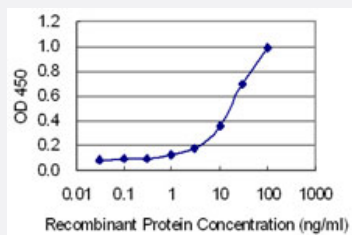
Size 100 ug

Applications



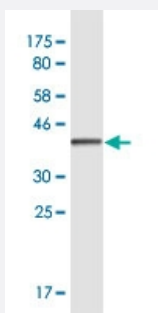
Western Blot (Cell lysate)

CUX2 monoclonal antibody (M03), clone 2H8. Western Blot analysis of CUX2 expression in HepG2.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CUX2 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CUX2.

Immunogen	CUX2 (NP_056082.1, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FDP SGQPRRD LHTSWKRNPELLSPKEQREGTSPAGPTLTEGSRLPGIPGKALLTETLLQRNEAEK QKGLQEVQITLAARLGEAEEKIKVLHSALKATQAE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Isotype	IgG1 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 (Cell lysate)

CUX2 monoclonal antibody (M03), clone 2H8. Western Blot analysis of CUX2 expression in HepG2.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CUX2 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CUX2

Entrez GeneID [23316](#)

GeneBank Accession#	NM_015267
Protein Accession#	NP_056082.1
Gene Name	CUX2
Gene Alias	CDP2, CUTL2
Gene Description	cut-like homeobox 2
Omim ID	610648
Gene Ontology	Hyperlink
Other Designations	cut like 2 cut-like 2

Publication Reference

- [Adult Upper Cortical Layer Specific Transcription Factor CUX2 Is Expressed in Transient Subplate and Marginal Zone Neurons of the Developing Human Brain.](#)

Terezija Miškić, Mica Kostović, Mladen-Roko Rašin, Željka Krsnik.

Cells 2021 Feb; 10(2):415.

Application: IHC, IF, Human, Fetal brain

- [Automated Immunohistochemical Method to Analyze Large Areas of the Human Cortex.](#)

Abbass M, Trought K, Long D, Semechko A, Wong AHC.

Journal of Neuroscience Methods 2017 Nov; 294:81.

Application: IF, IHC-Fr, Human, Human cortex

Disease

- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)