

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA810228M

SHARP2 (BHLHE40) Mouse Monoclonal Antibody [Clone ID: OTI10H1]

Product data:

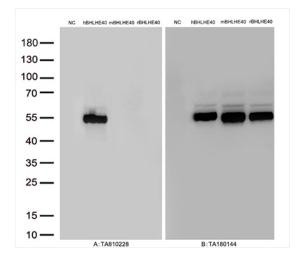
Product Type:	Primary Antibodies
Clone Name:	OTI10H1
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
lsotype:	lgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-313 of human BHLHE40 (NP_003661) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45.3 kDa
Gene Name:	basic helix-loop-helix family member e40
Database Link:	<u>NP_003661</u> <u>Entrez Gene 8553 Human</u> <u>O14503</u>
Synonyms:	BHLHB2; DEC1; HLHB2; SHARP-2; STRA13; Stra14
Protein Families:	Transcription Factors
Protein Pathways:	Circadian rhythm - mammal



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Product images:



A549

180 — 130 — 100 — 70 — 55 —

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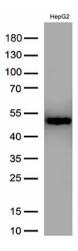
35 — 25 —

15 — 10 — Figure A, Western blot analysis of overexpressed lysates(25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC) , human BHLHE40 plasmid ([RC210294], hBHLHE40), mouse BHLHE40 plasmid ([MR206468], mBHLHE40), rat BHLHE40 plasmid ([RR206868], rBHLHE40) using anti-BHLHE40 antibody [TA810228] (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)

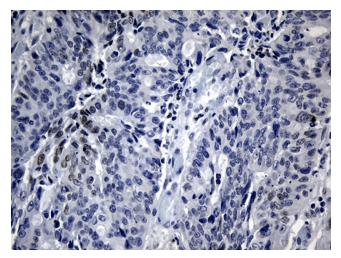
Western blot analysis of extracts (50ug) from A549 cell line lysate by using anti-BHLHE40 antibody([TA810228], 1:500).

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Western blot analysis of extracts (30ug) from HepG2 lysate by using anti-SHARP2 monoclonal antibody([TA810228], 1:500)



Immunohistochemical staining of paraffinembedded Adenocarcinoma of Human colon tissue using anti-BHLHE40 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

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