

Datasheet for ABIN2784291
anti-MED25 antibody (N-Term)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	MED25
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MED25 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MED25
Sequence:	EGLRKHYLLP AIEYFNGGPP AETDFGGDYG GTQYSLVVFN TVDCAPE SYV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 85%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MED25. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MED25
Alternative Name:	MED25 (MED25 Products)

Target Details

Background:	<p>This gene encodes a component of the transcriptional coactivator complex termed the Mediator complex. This complex is required for transcription of most RNA polymerase II-dependent genes. The encoded protein plays a role in chromatin modification and in preinitiation complex assembly. Mutations in this gene are associated with Charcot-Marie-Tooth disease type 2B2.</p> <p>Alias Symbols: ACID1, ARC92, CMT2B2, DKFZp434K0512, MGC70671, P78, PTOV2, TCBAP0758</p> <p>Protein Interaction Partner: UBC, MED19, MED26, EPAS1, NOTCH1, DREB2A, CTDP1, MED6, THRA, RXRA, RARA, MED1, NR3C1, ESR1, CREBBP, SREBF1, MED25, MED15, MED16, MED13, MED12, MED7, MED17, MED23, MED14, CDK8, ZC3H13, QKI, TRIP4, TADA2A, MED28, OBFC1, TRRAP, UL48, MED9, MED8, HCFC1, MED10</p> <p>Protein Size: 747</p>
Molecular Weight:	78 kDa
Gene ID:	81857
NCBI Accession:	NM_030973 , NP_112235
UniProt:	Q71SY5
Pathways:	Nuclear Hormone Receptor Binding , Chromatin Binding , Regulation of Lipid Metabolism by PPARalpha , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 747 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

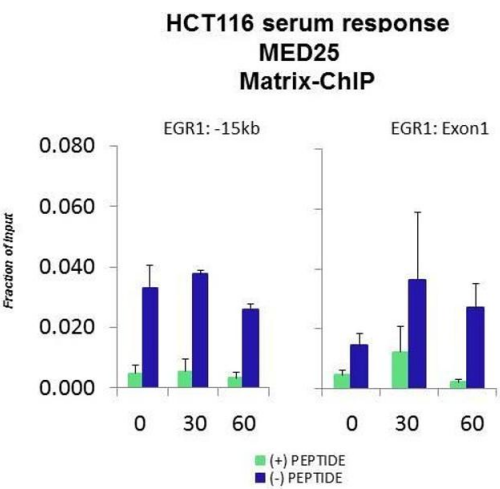
Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

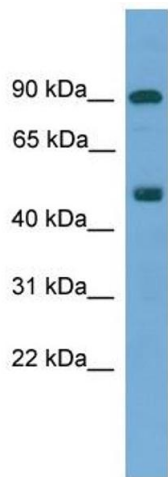
Product cited in:	Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: Genome research , Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).
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Images



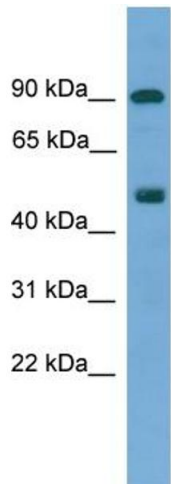
Chromatin Immunoprecipitation

Image 1. Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.



Western Blotting

Image 2. WB Suggested Anti-MED25 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart



Rabbit Anti-MED25 Antibody
Catalog Number: ARP50698
Lot Number: QC29819
Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 3. WB Suggested Anti-MED25 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: Human heart