

Product datasheet for RN215294

Abtb2 (NM_134403) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abtb2 (NM_134403) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abtb2
Synonyms:	Cca3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215294 representing NM_134403 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCGGGACGTACAGCTCCACATTGAAGACTCTGGAGGACTTGACCTTGGACTCCGGGTATGGGGCCG
GCGACTCTGCCGCTCGCTCAGCCTTTCGTCCTCAAGTCCAACATCGCAGGCGCTCAACTCTCGCGCC
GCAGCACCGCGGGGCGGCTGGTGGTGTACTCCGGCTCCATGAACAGCCGCCACAACAGCTGGGACACC
GTGAACACAGTGTGCCGAGGATCCCGAAGTGGCCGACCTCTTCTCGCGCTGCCCGGGCTCCCGGAGC
TAGAGGAGTTCCTTGGACCGAGGGAGACGTGGCTCGGGTGTCCGCAAAAGCGTCGCGCGCCGGAGGCT
GCCCTCATTCTCCGCCGAGGCTGTGAGGCGCTTGGCCGGACTCCTCCGCCGGGCGCTCATCCGCGTGGCC
CGGGAGGCGCAGCGCCTAAGCGTGTGCACGCCAAGTGTACCCGCTTCGAGGTGCAGAGTGCAGTGCAGTGCAGC
TGGTGCACAGCTGGGCGCTGGCCGAGAGCTGCGCGCTGGCAGCGGTCAAGGCGTTGTCCCTATAGCAT
GAGCGCTGGCGATGGGCTGCGCCGCGCAAGTCCGCGCAGCTGCGGCTCACTTCTCCGTGGGCCGTTTC
TTCCGTTGGATGGTGGACTCGCATCTCCGTGCGCATCCATGAGTATGCGGCCATCTCGCTTACGGCTT
GCATGGAGAATTGGTGGAGGAGATCCGGGCTAGGGTCTGGCGAGTCAGAGCCCTGATGGCGGAGGGC
AGGAGGCGGAGAGGTATCCGCTGAGGCCTTGGAGATGGTCAACAACGATGCCGAGCTCTGGGGAGTC
CTGCAACCCTATGAGCATCTCATCTGCGCAAGAAGCCCAATGGTGTCTCCTCCCTCCCTGCCTACTTCA
GTCCCTACAATGGTGGTCCCTGGGCCATGATGAGCGAGCAGATGCCTATGCTCAGCTGGAGCTTCGGAC
ACTGGAGCAGTCACTCCTGGTACCTGTGTGGCAGCATCTCCGAGCTGAGTGTCTGGTCTCTCGAGCC
ATGCACCACATGCAGGGGCGCCACCCTCTGTGCCAGGCACCAGCCCTGCTCGCCAGGCCCGCCAGCCAC
CACAGCCCATCACATGGTCCCCGATGCTCTCCATACACTCTACTTCTCCTGAGATGTCCACAGATGGA
GTCCATGGAGAACCCCAACCTGGATCCCCAAGAATGACCCTGAATAATGAACGGCCCTTCATGCTGCTG
CCACCCTGATGGAGTGGATGCGGGTGGCAATCACCTATGCAGAACCCGTCGCAGCCTCACTGTGGACA
GTGGCGATATCCGGCAGGCAGCCCGGCTGCTGCTACCAGGCTGGACTGCGAGCCCGCCAGCTCAAAC
CGAGTGTGCTTCACTTCCCTCCGGAGGCTGGACGCTCGAGCTGCTACTGAACGCTTCAACCAGGACCTG
GGCTCCGCATGCTCAACTGTGGGAGAACAGACCTCATCAGCCAGGCCATCGAGGCCCTGGGCCAGACG



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GGGTGAACACAATGGATGACCAGGGTCTGACACCGCTAATGTACGCCTGTGCTACTGGGGATGAAGCCAT
 GGTCCAGATGCTCATCGATGCTGGAGCAAACCTGGATATCCAGGTCCCAAGCAACTCTCCAGGCATCCT
 TCTGTCCATCCAGACAGCAGGCACTGGACCTCCCTGACATTTCGCGGTGCTGCACGGACACATCTCTGTAG
 TGCAGTGCTACTTGTATGCTGGTGGCCATGTGGAGGGCTCGGCCGTGAACAGTGGGGAGGACAGCTATGC
 CGAGACACCCCTCAGCTGGCCTCTGCAGCCGGAACTATGAGCTGGTGAAGTCTGCTACTGAGCCGAGGT
 GCCGACCCCTCCTCAGCATGCTGGAAGCCAATGGCATGGCTTCTCCCTCCATGAGGATATGAAGTGT
 TCAGCCACTCAGCTGCCATGGCCACAGGAATGTCTTGAGGAAGCTCCTGACTCAGCCACAGCAGGCTAA
 AGCAGATGTGCTGCCCTAGAAGAGATCTTGGCTGAGGGCGTGGAGGAAAGCGACACATCGAGCCAGGGC
 AGTAGCGAGGGGCTGTGAGGTTAAGCCGACCCGAACGAAGGCCCTGCAGGAAGCCATGTACTACAGTG
 CTGAACACGGCTACGTGGACATCACATGGAGCTGAGGGCACTAGGTGTCCCTGGAAAGTGCACATCTG
 GATAGAGTCTCTGCGACCTCTTCTCACAGTACGGTACTCGGTGGTGCAGGGCCTCCTGAGAGATTTT
 AGCTCCATCAAGGAGGAGGAGTACAATGAGGAGCTGGTACAGAAGGCTTGCAGCTCATGTTTGACATCC
 TCAAGACCAGCAAAAATGACTCCGTCCTCCAGCAGCTGGCCACCATCTTCACTACTGCTATGGCACCAG
 CCCCATCCCAGCATCCCGGAGATCCGGAAGACCCTGCCAGCCAGGCTAGATCCTCACTTTCTGAACAAC
 AAGGAGATGTCTGATGTAACCTTCTCGTGAAGGAAAGCTGTTTTATGCACACAAAGTCTTTTGGTGA
 CAGCATCTAACAGTTCAAAACCTTAATGACCAATAAGTCAGAGCAAGATGGGGACAACAGCAAAACCAT
 TGATATCAGCGACATCAAGTACCACATCTTTCAGATGCTGATGCAGTACCTGTACTATGGAGGAACAGAG
 TCCATGGAGATCCCCACGGCTGACATCCTGCAGCTCCTGTGAGCTGCCAACCTGTTCCAGCTAGATGCC
 TGAGAGACACTGTGAGATCCTGTGCTCCAGACCCTTAGTGTGGAGAGTGTGTCAACCTACAATA
 CGCAAGATCCACAACGCCCCAGAGCTGGCCCTTCTGTGAAGGCTTCTTCTCAAGCAGATGAAGGCC
 CTGCTGGAGCAGGATGCCTTCCGGCAGCTCATCTATGGCCGAAGCAGCAAGTCCAGGGCCTGGACCCAC
 TGCAGGATCTGCAGAGCACCTAGCTGAGCGAGTACATTCTGTCTACGTACCTCCCGGGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_134403
- Insert Size:** 3075 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
- RefSeq:** [NM_134403.2](#), [NP_599230.2](#)
- RefSeq Size:** 4521 bp
- RefSeq ORF:** 3075 bp

Locus ID: 171440
UniProt ID: [O08764](#)
Cytogenetics: 3q32
Gene Summary: displays a transient increase in mRNA expression prior to DNA synthesis in regenerating liver cells [RGD, Feb 2006]