Datasheet for ABIN2777494

anti-Activator of Basal Transcription 1 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	Activator of Basal Transcription 1 (Abt1)
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Activator of Basal Transcription 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ABT1
Sequence:	VGRVFFQAED RFVRRKKKAA AAAGGKKRSY TKDYTEGWVE FRDKRIAKRV
Predicted Reactivity:	Cow: 86%, Dog: 79%, Human: 100%, Rabbit: 79%
Characteristics:	This is a rabbit polyclonal antibody against ABT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Activator of Basal Transcription 1 (Abt1)
Alternative Name:	ABT1 (Abt1 Products)

Target Details

Background:	Basal transcription of genes by RNA polymerase II requires the interaction of TATA-binding protein (TBP) with the core region of class II promoters. Studies in mouse suggest that the protein encoded by ABT1 likely activates basal transcription from class II promoters by interaction with TBP and the class II promoter DNA.Basal transcription of genes by RNA polymerase II requires the interaction of TATA-binding protein (TBP) with the core region of class II promoters. Studies in mouse suggest that the protein encoded by this gene likely activates basal transcription from class II promoters by interaction with TBP and the class II promoter DNA. Alias Symbols: hABT1 Protein Interaction Partner: FAM9B, SYNE4, LZTS2, CEP70, CCDC136, CDCA7L, EMD, UBC, PPP1CC, CAND1, PRNP, TBP, Protein Size: 272
Molecular Weight:	32 kDa
Gene ID:	29777
NCBI Accession:	NM_013375, NP_037507
UniProt:	Q9ULW3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 272 AA
Restrictions:	For Research Use only

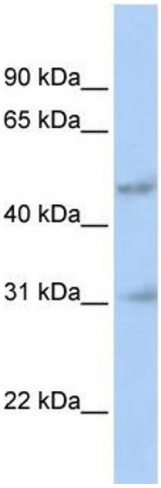
Handling

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 should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-ABT1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 721_B cell lysate ABT1 is supported by BioGPS gene expression data to be expressed in 721_B