

DACA-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02493
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human YTHDF1. AA range:1-50
Mol wt	60874
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	DACA-1 Antibody
Synonyms	YTHDF1; C20orf21; YTH domain family protein 1; Dermatomyositis associated with cancer putative autoantigen 1; DACA-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The YTH domain family protein family (YTHDF) includes YTHDF1, YTHDF2 and TYHDF3. YTHDF1, also designated Dermatomyositis associated with cancer putative autoantigen 1 (DACA-1), is a 559 amino acid protein that contains one YTH domain, which is a potential RNA binding domain. YTHDF2, also designated High-glucose-regulated protein 8, CLL-associated antigen KW-14 or Renal carcinoma antigen NY-REN-2, is a 579 amino acid protein that also contains one YTH domain. YTHDF3 is a 585 amino acid protein that also contains one YTH domain. The gene encoding YTHDF1 maps to chromosome 20, which houses over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome. Additionally, chromosome 20 contains a region with numerous genes which are thought important for seminal production and may be potential targets for male contraception.

Recommended Dilution

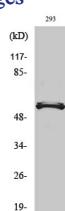
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

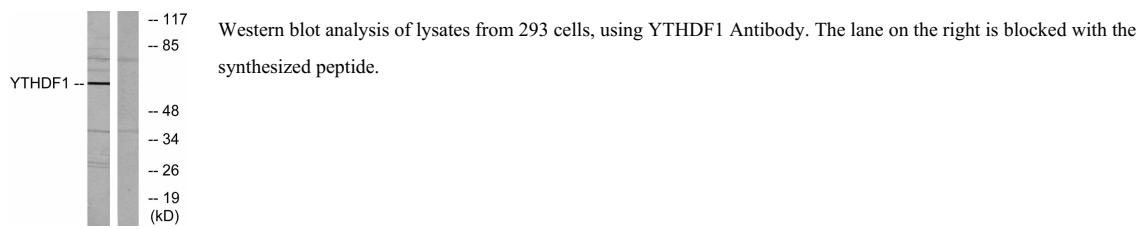
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using DACA-1 Polyclonal Antibody



Storage

-20°C for one year

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