

Datasheet for ABIN2776888
anti-FTCD antibody (Middle Region)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FTCD
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Dog, Rabbit, Zebrafish (Danio rerio), Horse, Guinea Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FTCD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FTCD
Sequence:	KFLIAFNINL LGTKEQAHRI ALNLREQGRG KDQPGRLKKV QGIGWYLDEK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against FTCD. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FTCD
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Target Details

Alternative Name:	FTCD (FTCD Products)
Background:	<p>FTCD is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. FTCD is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool.[supplied by OMIM].</p> <p>Alias Symbols: LCHC1</p> <p>Protein Interaction Partner: CCDC155, MED4, TNKS2, GRB14,</p> <p>Protein Size: 549</p>
Molecular Weight:	59 kDa
Gene ID:	10841
NCBI Accession:	NM_006657 , NP_006648
UniProt:	O95954

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 549 AA
Restrictions:	For Research Use only

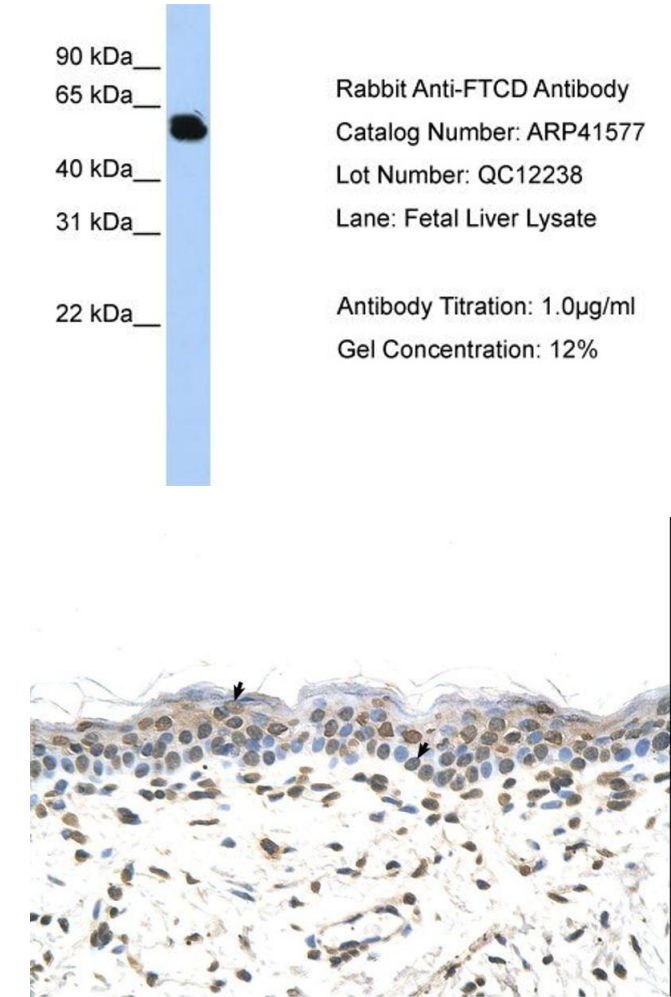
Handling

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.
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: Veerhuis, Boshuizen, Morbin, Mazzoleni, Hoozemans, Langedijk, Tagliavini, Langeveld, Eikelenboom: "Activation of human microglia by fibrillar prion protein-related peptides is enhanced by amyloid-associated factors SAP and C1q." in: **Neurobiology of disease**, Vol. 19, Issue 1-2, pp. 273-82, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1.

Immunohistochemistry

Image 2.