Datasheet for ABIN1533938

anti-DOK7 antibody (AA 10-59)

3 Images

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Overview

Quantity:	100 µg
Target:	DOK7
Binding Specificity:	AA 10-59
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human DOK7.
Isotype:	IgG
Specificity:	DOK7 Antibody detects endogenous levels of total DOK7 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	DOK7
Alternative Name:	DOK7 (DOK7 Products)
Background:	Synonyms: Downstream of tyrosine kinase 7 NCBI Gene Symbol: DOK7

Target Details

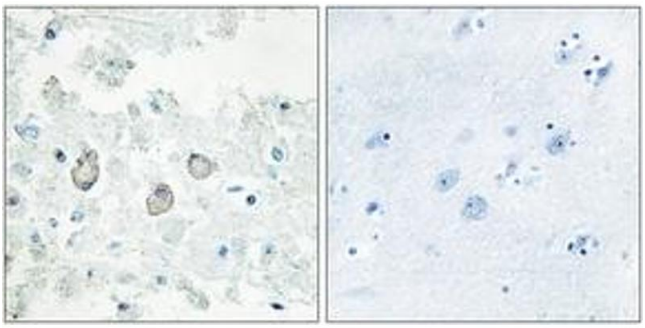
Molecular Weight:	53 kDa
Gene ID:	285489
OMIM:	254300
UniProt:	Q18PE1
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.122110, Hs.701584 (NCBI Gene Symbol: DOK7)
Restrictions:	For Research Use only

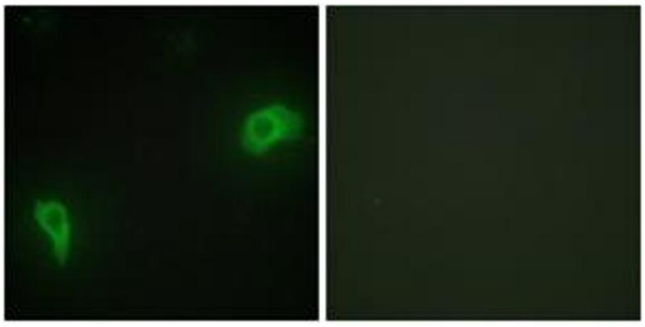
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



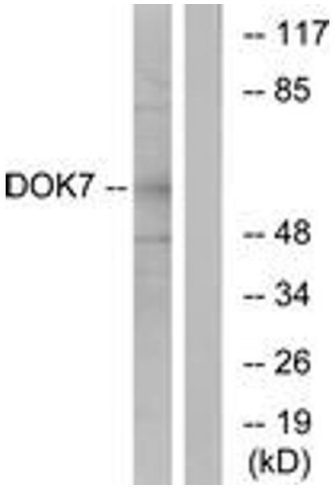
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DOK7 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cells, using DOK7 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 3. Western blot analysis of extracts from mouse brain cells, using DOK7 Antibody. The lane on the right is treated with the synthesized peptide.