



[Go to Product page](#)

Datasheet for ABIN1700221
anti-C2ORF54 antibody (AA 361-447) (Biotin)

Overview

Quantity:	100 µL
Target:	C2ORF54
Binding Specificity:	AA 361-447
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C2ORF54 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C2orf54
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Horse
Purification:	Purified by Protein A.

Target Details

Target:	C2ORF54
Alternative Name:	C2orf54 (C2ORF54 Products)

Target Details

Background:	<p>Synonyms: C2orf54, CB054_HUMAN, Chromosome 2 open reading frame 54, Uncharacterized protein C2orf54.</p> <p>Background: C2orf54 (chromosome 2 open reading frame 54), also known as FLJ22671, MGC150431 or MGC150432, is a 447 amino acid protein that exists as three alternatively spliced isoforms, which are encoded by a gene located on human chromosome 2q37.3. The second largest human chromosome, chromosome 2 consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8 % of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes.</p>
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Gene ID:	79919
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C for 12 months.
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Handling

Expiry Date: 12 months