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Datasheet for ABIN1400639

**anti-HIGD1A antibody (Alexa Fluor 555)**

## Overview

Quantity:	100 µL
Target:	HIGD1A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIGD1A antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HIG1/HIGD1A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	HIGD1A
Alternative Name:	HIG1 ( <a href="#">HIGD1A Products</a> )
Background:	<p>Synonyms: Hig1, HIG1 domain family member 1A, HIG1 domain family, member 1A, HIG1 hypoxia inducible domain family, member 1A, HIG1A_HUMAN, HIGD1A, HIMP1, Hypoxia-inducible gene 1 protein.</p> <p>Background: HIGD1A (HIG1 domain family member 1A), also known as HIG1 (hypoxia-inducible</p>

Target Details

gene 1 protein) or HSPC010, is a 93 amino acid multi-pass membrane protein that contains one HIG1 domain. Existing as two alternatively spliced isoforms, the gene encoding HIGD1A maps to human chromosome 3, which contains approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

Gene ID: 25994

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months