

# C3orf58 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55854

## Product Information

---

<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC
<b>Primary Accession</b>	<a href="#">Q8NDZ4</a>
<b>Reactivity</b>	Rat, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	49482
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human C3orf58
<b>Epitope Specificity</b>	351-430/430
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	C3orf58 (chromosome 3 open reading frame 58), also known as DIA1, is a 430 amino acid secreted protein that belongs to the UPF0672 family. C3orf58 is encoded by a gene that maps to human chromosome 3q24. Chromosome 3 is made up of 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.

## Additional Information

---

<b>Gene ID</b>	205428
<b>Other Names</b>	Divergent protein kinase domain 2A, Deleted in autism protein 1, Golgi Protein of 49 kDa, GoPro49, Hypoxia and AKT-induced stem cell factor, HASF, DIPK2A ( <a href="#">HGNC:28490</a> )
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

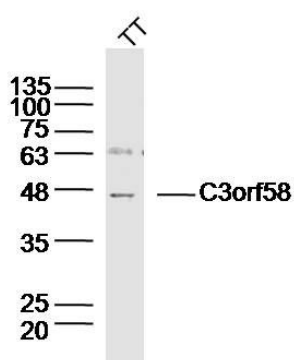
## Protein Information

---

<b>Name</b>	DIPK2A ( <a href="#">HGNC:28490</a> )
<b>Function</b>	May play a role in cardiomyocyte proliferation through paracrine signaling and activation of the PPI3K-AKT-CDK7 signaling cascade.
<b>Cellular Location</b>	Cytoplasmic vesicle, COPI-coated vesicle. Golgi apparatus. Secreted

## Images

---



Sample: TT(human) Cell Lysate at 40 ug  
Primary: Anti-C3orf58 (AP55854) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 49 kD  
Observed band size: 48 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.