



# Anti-ACTRT1 (aa 2-14) polyclonal antibody (DPAB2411GH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Actin Related Protein T1
<b>Antigen Description</b>	This gene encodes a protein related to the cytoskeletal protein beta-actin. This protein is a major component of the calyx in the perinuclear theca of mammalian sperm heads, and it therefore likely functions in spermatid formation. This gene is intronless and is similar to a related gene located on chromosome 1. A related pseudogene has also been identified approximately 75 kb downstream of this gene on chromosome X.
<b>Specificity</b>	Specific for actin related protein T1 (MW 41,696; pI 6.32, calculated from sequence data; Mr 40,000 on SDS-PAGE)
<b>Immunogen</b>	Synthetic N-terminal domain (aa 2-14: FNPHALDVPAVIF-C) of human Arp-T1 protein, coupled to KLH
<b>Source/Host</b>	Guinea pig
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr, IB
<b>Format</b>	Whole antiserum
<b>Size</b>	100 µl
<b>Preservative</b>	None
<b>Storage</b>	At 2-8°C

# GENE INFORMATION

Gene Name	<a href="#">ACTRT1 actin-related protein T1 [ Homo sapiens ]</a>
Official Symbol	ACTRT1
Synonyms	ACTRT1; actin-related protein T1; AIP1; ARIP1; ARPT1; HSD27; Arp-T1; KIAA0705; ARP-T1; Actin-related protein T1; MGC26590; OTTHUMP00000023981
Entrez Gene ID	<a href="#">139741</a>
Protein Refseq	<a href="#">NP_612146</a>
UniProt ID	<a href="#">Q8TDG2</a>
Chromosome Location	Xq25