

Product datasheet for **TA369400**

THAP4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human breast cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human THAP4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	THAP domain containing 4
Database Link:	Entrez Gene 51078 Human Q8WY91

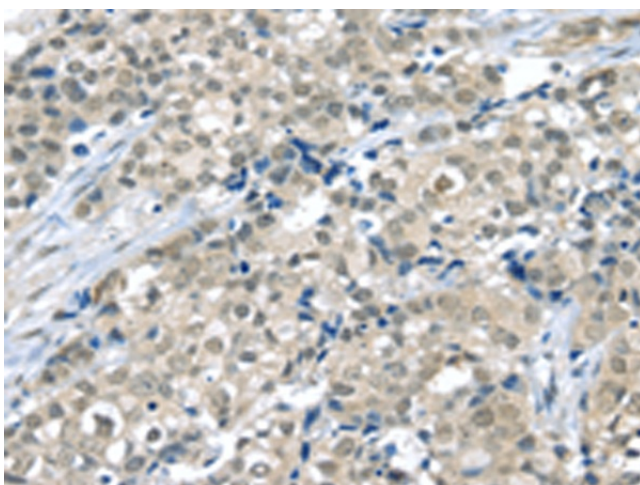


Background:

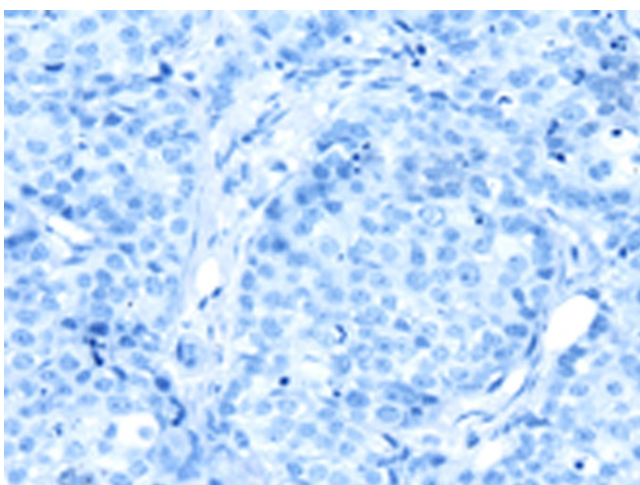
Human THAP4 is a 577 residue protein of unknown function that is proposed to bind DNA in a sequence specific manner similar to THAP1 and has been found to be upregulated in response to heat shock. THAP4 is expressed in a relatively uniform manner in a broad range of tissues and appears to be upregulated in lymphoma cells and highly expressed in heart cells¹³. The C-terminal domain of THAP4 (residues 415-577), designated here as cTHAP4, is evolutionarily conserved and is observed in all known THAP4 orthologues. Several single domain proteins lacking a THAP domain are found in plants and bacteria, and show significant levels of homology to cTHAP4. It appears that cTHAP4 belongs to a large class of proteins that have yet to be fully functionally characterized.

Synonyms:

CGI-36; PP238

Product images:


Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA369400 (THAP4 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA369400 (THAP4 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)