

Product datasheet for **AP11913PU-N**

Cripto1 (TDGF1) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA 1:1,000. Western blot 1:100 - 1:500. Immunohistochemistry 1:50 - 1:100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human TDGF1.
Specificity:	This antibody detects CRIPTO (TDGF1) at N-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	teratocarcinoma-derived growth factor 1
Database Link:	Entrez Gene 6997 Human P13385



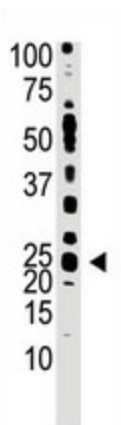
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Background: TDGF1 is expressed both in ES cells and during the early phases of embryo development, while in adults it is reactivated in a wide range of epithelial cancers. This protein could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm. It is preferentially expressed in gastric and colorectal carcinomas compared to their normal counterparts.

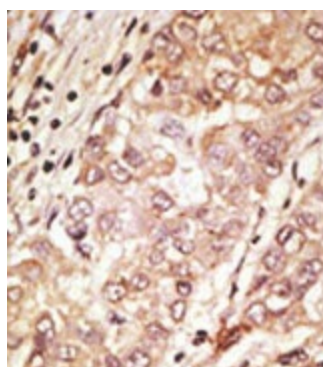
Synonyms: Cripto-1 growth factor, CRGF

Note: Molecular weight: 21168 Da

Product images:



The anti-TDGF1 N-term is used in Western blot to detect TDGF1 in A375 cell lysate.



Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.