

Catalog Number:	NB100-1597SS
Background:	The cripto gene is expressed both in ES cells and during the early phases of embryo development, while, in the adult, it is reactivated in a wide range of epithelial cancers.
Alternate Names:	anti-CRGF antibody, anti-Cripto-1 Growth Factor antibody, anti-Cripto-3 antibody, anti-TDGF1 antibody, anti-TDGF2 antibody, anti-Teratocarcinoma-derived growth factor 1 antibody
Research Areas:	121,317,348,373
Immunogen:	A synthetic peptide made to an internal portion of the human cripto protein sequence (between residues 100-150).
Specificity:	This antibody is specific for cripto.
Localization:	Membrane-bound
Species Reactivity:	This antibody reacts with human cripto protein. The immunogen used for this antibody production has 93% homology with mouse, cow, and Zebra fish protein. There is no significant homology with any other species.
Uses:	By Western blot a band is seen at ~18 kDa (core form). No other applications have been tested. Recommended Starting Dilutions:* Western Blot: 1:500-1:2,000 (ECL) Immunoprecipitation: Not tested Immunohisto/cytochemistry: Not tested *Optimal working dilutions should be determined by the investigator. * Other applications have not been tested.
Dilutions:	Suggested working dilutions * Western Blot * Investigator should determine optimal working dilutions.
Positive Controls:	MDA-MB231 (human breast cancer) lysates
Packaging:	0.025 ml Whole antisera Rabbit antisera.
Concentration:	1.1 mg/ml
Buffer:	Tris-glycine and 150mM NaCl
Preservative:	Sodium Azide
Storage:	Store at 4C. Do not freeze.
General References:	1. Xian, PX, et al. Cancer Res. 64(11): 4018-23 (2004) 2. Niemeyer, CC, et al. Int. J. Cancer. 81(4): 588-91 (1999) 3. Adamson, E., et al. Cripto: A tumor growth factor and more. J. Cell. Physiol.



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190(3):2567-278, 2002.

4. Schiffer, S.G., et al. Fucosylation of cripto is required for its ability to facilitate nodal signaling. *J. Biol. Chem.* 276(41):37769-37778, 2001.

Gene Id: 6997

Reference Sequence: P13385

Image(s)