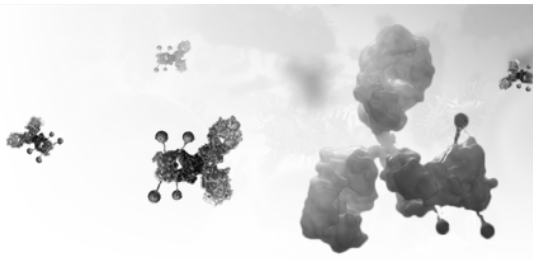

Rabbit Anti-Human PIP Monoclonal Antibody, clone CQ7229 (CABT-Z274R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to residues within aa1-100 of GCDFP-15 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7229
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	17 kDa
Cellular Localization	Cytoplasmic
Positive Control	Breast Carcinoma Tissue
Format	Liquid
Concentration	Lot specific
Size	100 µl

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	GCDFP is a prolactin-induced, secretory, actin-binding cytoplasmic protein, also designated glycoprotein (gp). The cells within the body that produce GCDFP-15 appear to be restricted primarily to those with an apocrine function. It has been reported that cytosolic analysis of normal tissue from all major organs has demonstrated GCDFP15 in apocrine epithelia, lacrimal, ceruminous and Moll's glands and in numerous serous cells of the submandibular, tracheal, bronchial, sublingual and minor salivary glands. Cytosol from breast carcinoma lesions are reported to contain GCDFP15 at a wide range of concentrations. The concentration is reported to be highest in more differentiated carcinomas and GCDFP15 shows only a few positive individual epithelial cells within lobules and small ducts in normal breast. Expression has also been reported in fibroadenomas within areas of apocrine metaplasia.
Keywords	PIP; prolactin-induced protein; GPIP4; GCDFP15; GCDFP-15; prolactin-inducible protein; SABP; secretory actin-binding protein; gross cystic disease fluid protein 15

GENE INFORMATION

Gene Name	PIP
Entrez Gene ID	5304
UniProt ID	P12273

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