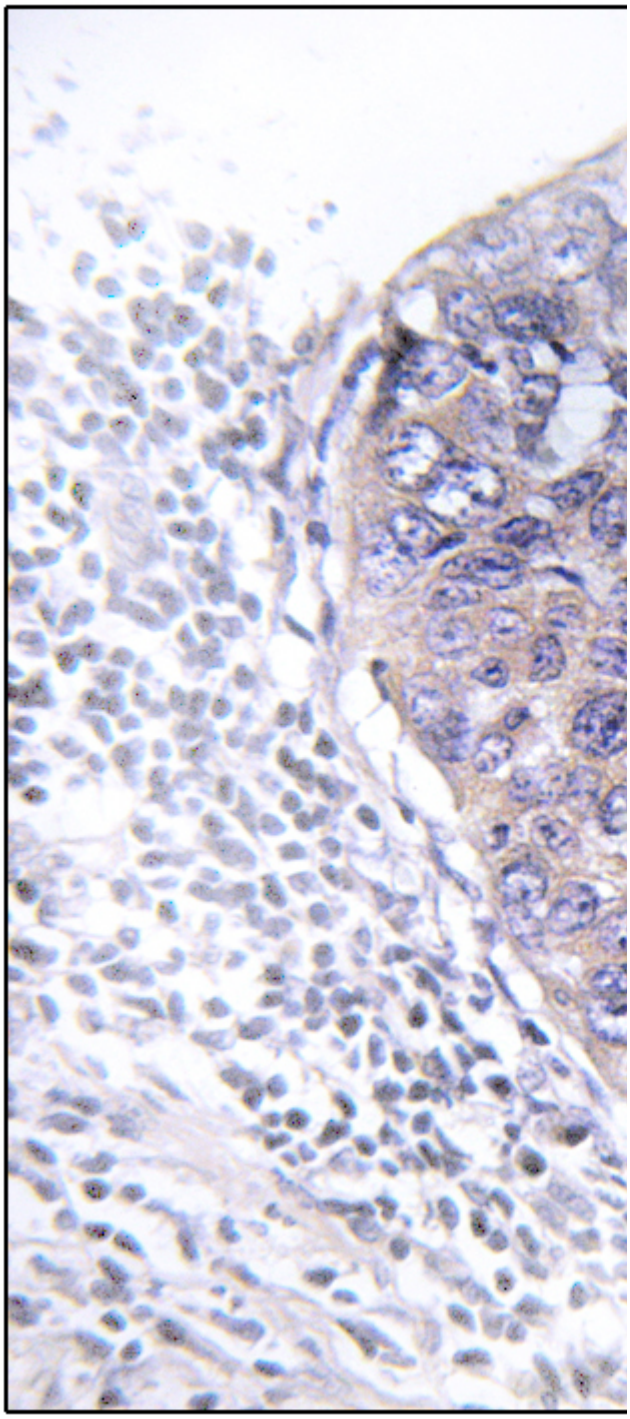
GTPBP5 Polyclonal Antibody

Catalog No	BYab-31784
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	GTPBP5
Protein Name	GTP-binding protein 5
Immunogen	The antiserum was produced against synthesized peptide derived from human GTPBP5. AA range:71-120
Specificity	GTPBP5 Polyclonal Antibody detects endogenous levels of GTPBP5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GTPBP5; OBGH1; GTP-binding protein 5; Protein obg homolog 1; ObgH1
Observed Band	
Cell Pathway	Mitochondrion. Mitochondrion inner membrane; Peripheral membrane protein; Matrix side.
Tissue Specificity	Muscle,Testis,
Function	function:Involved in the ribosome maturation process. Plays a role of GTPase in vitro. When missing, mitochondria elongation and abnormal nuclear morphology are observed.,sequence caution:Translated as Gln.,similarity:Belongs to the GTP1/OBG family.,
Background	Small G proteins, such as GTPBP5, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]).[supplied by OMIM, Mar 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue, using GTPBP5 Antibody. The picture on the right is blocked with the synthesized peptide.