OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA365955

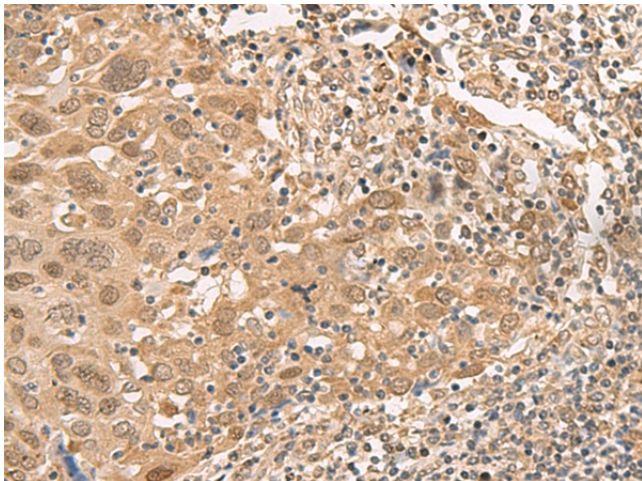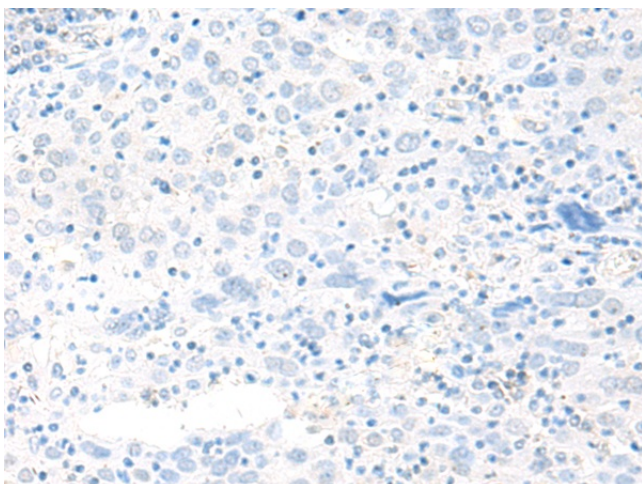## ISCU Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 40-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ISCU
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	iron-sulfur cluster assembly enzyme
Database Link:	Entrez Gene 23479 Human Q9H1K1
Background:	This gene encodes a component of the iron-sulfur (Fe-S) cluster scaffold. Fe-S clusters are cofactors that play a role in the function of a diverse set of enzymes, including those that regulate metabolism, iron homeostasis, and oxidative stress response. Alternative splicing results in transcript variants encoding different protein isoforms that localize either to the cytosol or to the mitochondrion. Mutations in this gene have been found in patients with hereditary myopathy with lactic acidosis. A disease-associated mutation in an intron may activate a cryptic splice site, resulting in the production of a splice variant encoding a putatively non-functional protein. A pseudogene of this gene is present on chromosome 1.
Synonyms:	2310020H20Rik; HML; hnifU; ISU2; MGC74517; NIFU; NIFUN

View online »

Product images:

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA365955 (ISCU Antibody) at dilution 1/45 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA365955 (ISCU Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: ×200)