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Product datasheet for TA371027S

TUG (ASPSCR1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela and 293T cell lysates IHC: 50-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ASPSCR1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	60 kDa
Gene Name:	ASPSCR1, UBX domain containing tether for SLC2A4
Database Link:	Entrez Gene 79058 Human Q9BZE9
Background:	The protein encoded by this gene contains a UBX domain and interacts with glucose transporter type 4 (GLUT4). This protein is a tether, which sequesters the GLUT4 in intracellular vesicles in muscle and fat cells in the absence of insulin, and redistributes the GLUT4 to the plasma membrane within minutes of insulin stimulation. Translocation t(X;17)(p11;q25) of this gene with transcription factor TFE3 gene results in a ASPSCR1-TFE3 fusion protein in alveolar soft part sarcoma and in renal cell carcinomas. Multiple alternatively spliced transcript variants have been found.

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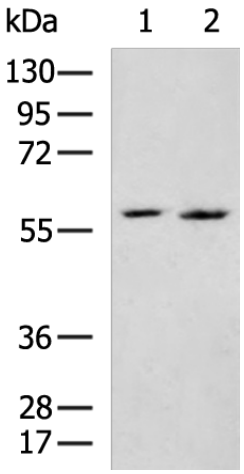
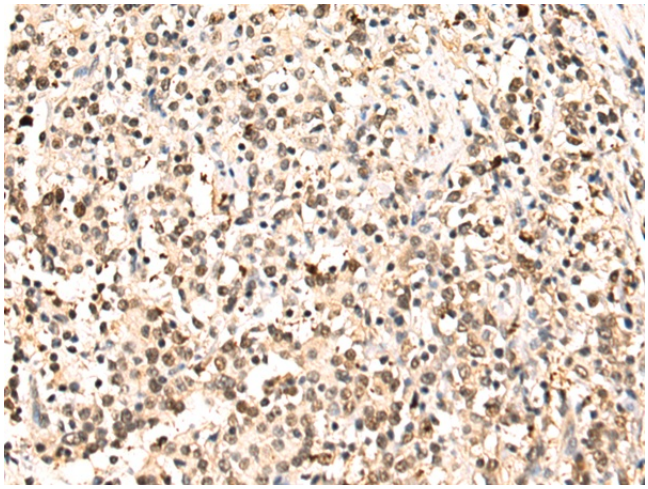
Synonyms: ASPCR1; ASPL; ASPS; FLJ45380; RCC17; TUG; UBXD9; UBXN9

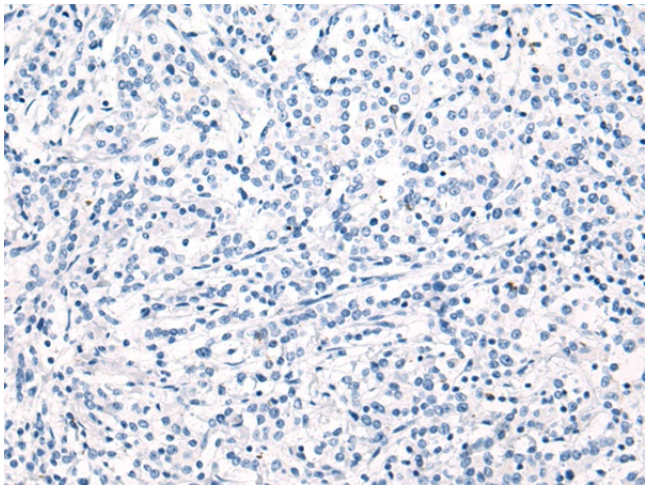
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Hela and 293T cell lysates
Primary antibody: [TA371027] (ASPSCR1 Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA371027] (ASPSCR1 Antibody) at dilution 1/80 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA371027] (ASPSCR1 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)