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Product datasheet for TA371618S

PDPN Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal brain tissue, Hela and 293T cells IHC: 10-50 Positive control: Human liver cancer Predicted cell location: Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PDPN
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
Predicted Protein Size:	17 kDa; 25 kDa
Gene Name:	podoplanin
Database Link:	Entrez Gene 10630 Human Q86YL7
Background:	This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.

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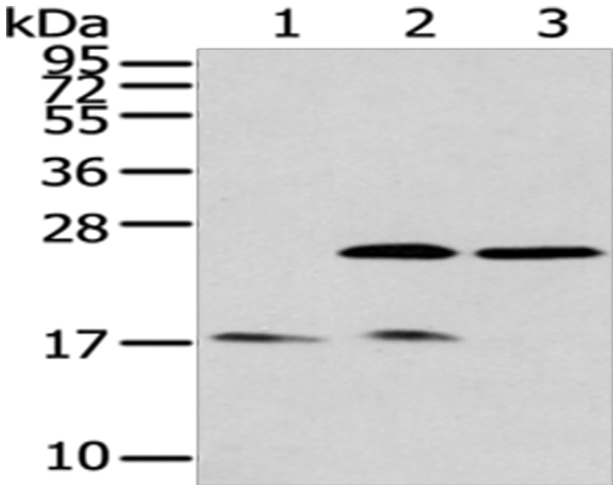
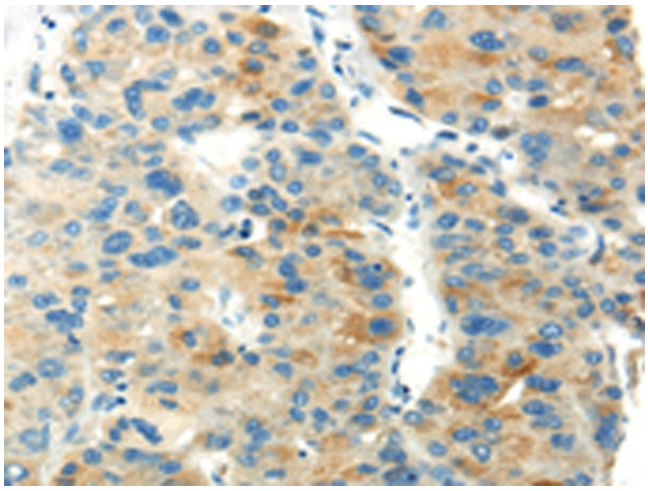
Synonyms: aggrus; GP36; Gp38; GP40; HT1A-1; hT1alpha-1; hT1alpha-2; OTS8; PA2.26; podoplanin; T1-alpha; T1A; T1A-2

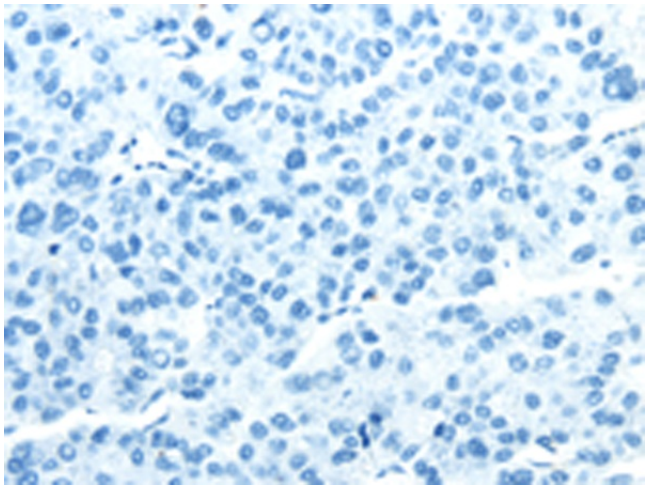
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-3: Human fetal brain tissue
Hela cells
293T cells
Primary antibody: [TA371618] (PDPN Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371618] (PDPN Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371618] (PDPN Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)