

IHC*easy* DAG1 Ready-To-Use IHC Kit

Catalog Number: **KHC0285**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Mouse Monoclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

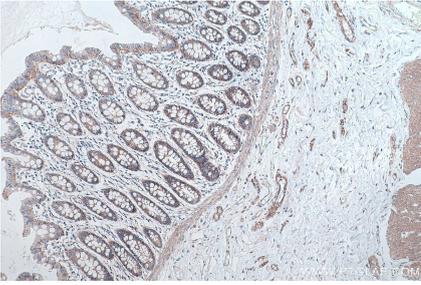
Background

Dystroglycan, also known as DAG1 or DG, was originally isolated from skeletal muscle as an integral membrane component of the dystrophin-glycoprotein complex (DGC). In addition to skeletal muscle, dystroglycan is strongly expressed in heart and smooth muscle, as well as many non-muscle tissues including brain and peripheral nerve. The dystroglycan is involved in a number of processes including laminin and basement membrane assembly, sarcolemmal stability, cell survival, peripheral nerve myelination, nodal structure, cell migration, and epithelial polarization.

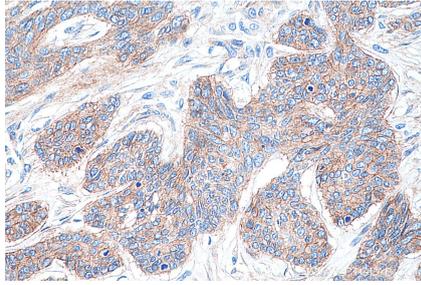
Synonyms

156DAG, A3a, AGRNR, Alpha DG Beta dystroglycan, Beta DG, DAG, DAG1, Dystroglycan

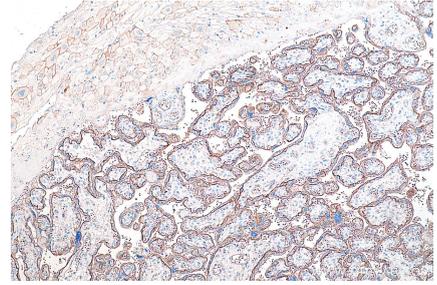
Selected Validation Data



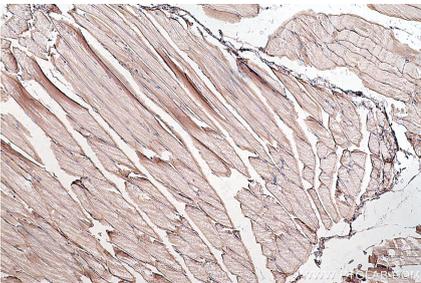
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC0285 (DAG1 IHC Kit).



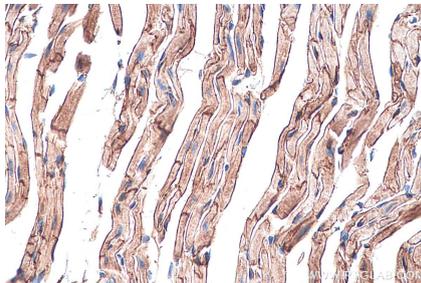
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using KHC0285 (DAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC0285 (DAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC0285 (DAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0285 (DAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0285 (DAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0285 (DAG1 IHC Kit).