KRT13 Antibody

Catalog No: #35558

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

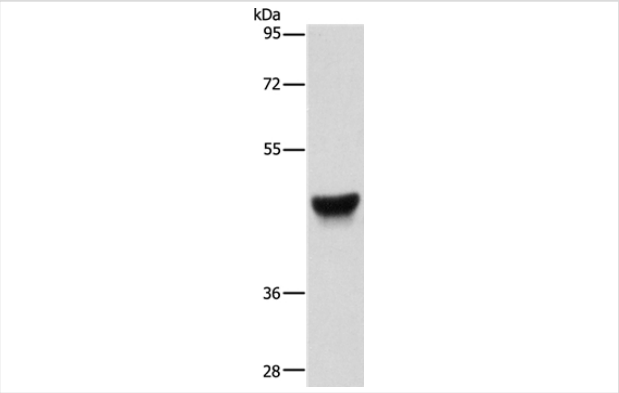
Product Name	KRT13 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KRT13 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human keratin 13
Target Name	KRT13
Other Names	K13; CK13
Accession No.	Swiss-Prot#: P13646NCBI Gene ID: 3860Gene Accssion: BC077718
Uniprot	P13646
GeneID	3860;
SDS-PAGE MW	50kd
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

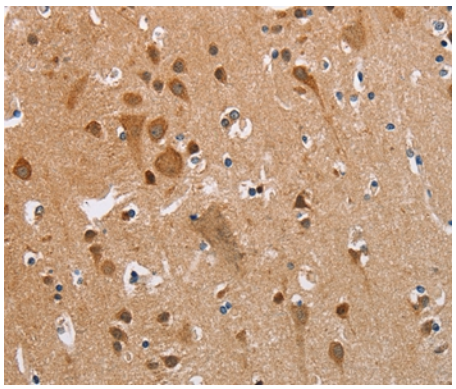
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Human esophagus cancer tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/500 dilution
Secondary antibody dilution: 1/8000
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #35558 at dilution 1/35.

Background

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described.

Note: This product is for in vitro research use only