

Keratin-pan Polyclonal Antibody
Catalog # AP73512**Specification**

Keratin-pan Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P35908
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Keratin-pan Polyclonal Antibody - Additional Information**Gene ID** 3849**Other Names**

KRT2; KRT76; KRT3; KRT5; KRT6A; KRT6B; KRT6C; KRT71; KRT72; KRT73; KRT74; KRT75; KRT79; KRT8; KRT84; Keratin, type II cytoskeletal 2 epidermal; Keratin, type II cytoskeletal 2 oral; Keratin, type II cytoskeletal 3; Keratin, type II cytoskeletal 5; Keratin, type II cytoskeletal 6A; Keratin, type II cytoskeletal 6B; Keratin, type II cytoskeletal 6C; Keratin, type II cytoskeletal 71; Keratin, type II cytoskeletal 72; Keratin, type II cytoskeletal 73; Keratin, type II cytoskeletal 74;

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Keratin-pan Polyclonal Antibody - Protein Information**Name** KRT2**Synonyms** KRT2A, KRT2E**Function**

Probably contributes to terminal cornification (PubMed:1380918). Associated with keratinocyte activation, proliferation and keratinization (PubMed:12598329). Required for maintenance of corneocytes and keratin filaments in suprabasal keratinocytes in the epidermis of the ear, potentially via moderation of expression and localization of keratins and their partner proteins (By similarity). Plays a role in the establishment of the epidermal barrier on plantar skin (By similarity).

Cellular Location

Cytoplasm.

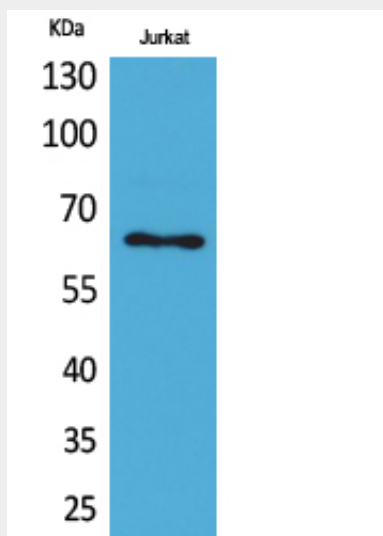
Tissue Location

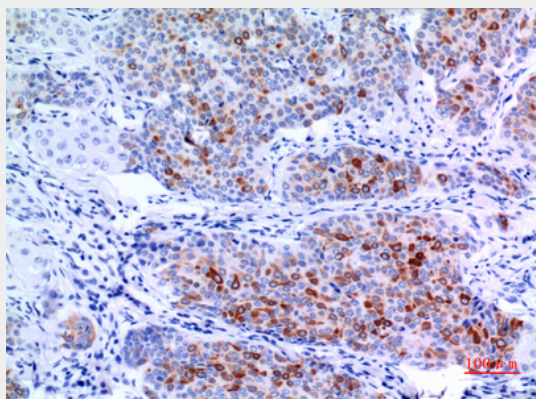
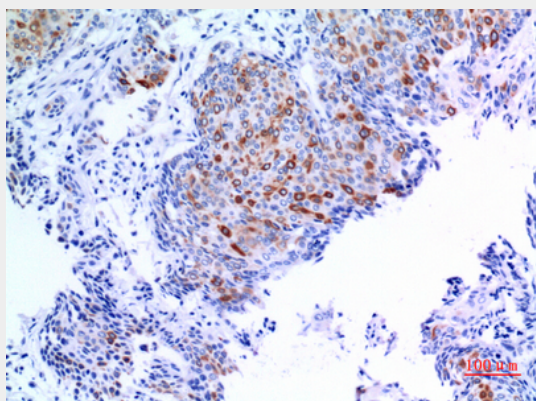
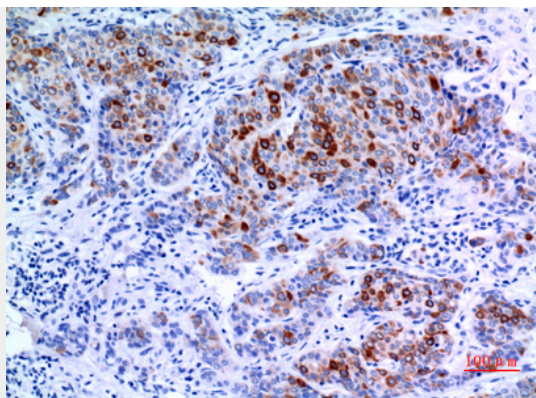
Expressed in the upper spinous and granular suprabasal layers of normal adult epidermal tissues from most body sites including thigh, breast nipple, foot sole, penile shaft and axilla. Not present in foreskin, squamous metaplasias and carcinomas Expression in hypertrophic and keloid scars begins in the deepest suprabasal layer. Weakly expressed in normal gingiva and tongue, however expression is induced in benign keratoses of lingual mucosa and in mild-to-moderate oral dysplasia with orthokeratinization

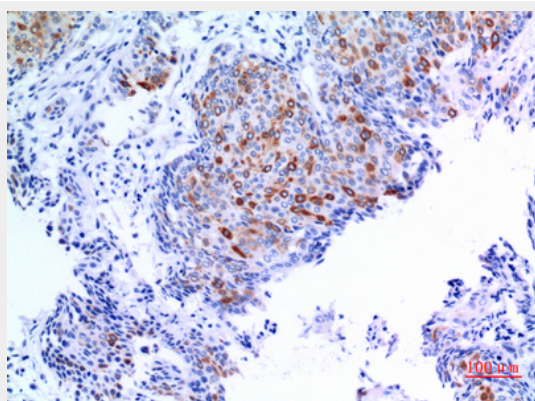
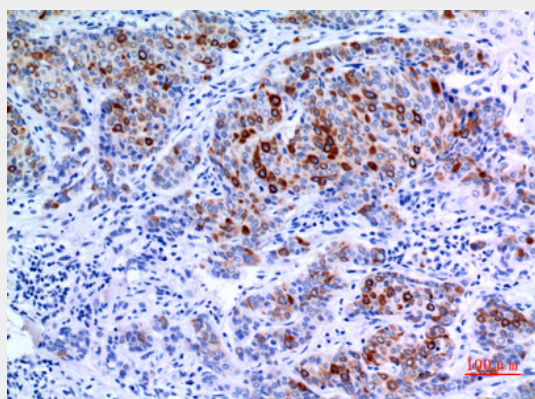
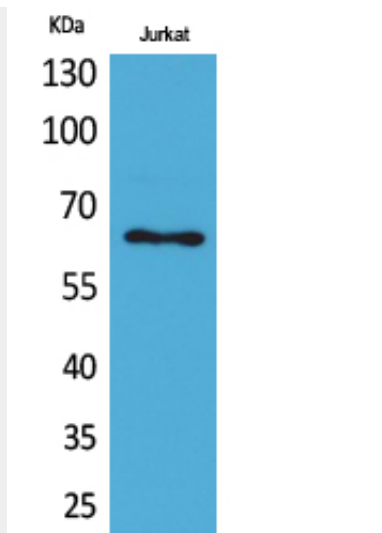
Keratin-pan Polyclonal Antibody - Protocols

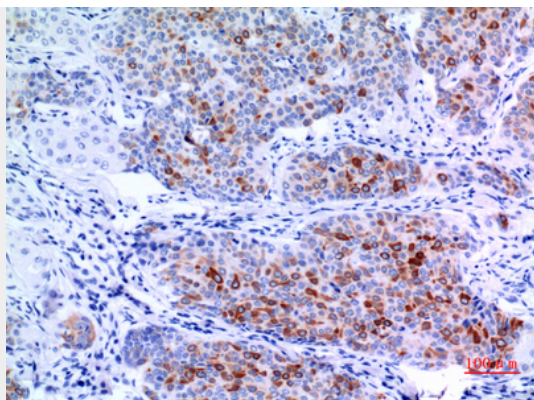
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Keratin-pan Polyclonal Antibody - Images







Keratin-pan Polyclonal Antibody - Background

Probably contributes to terminal cornification (PubMed:1380918). Associated with keratinocyte activation, proliferation and keratinization (PubMed:12598329). Plays a role in the establishment of the epidermal barrier on plantar skin (By similarity).