

## EDA Antibody (R31604)

Catalog No.	Formulation	Size
R31604	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	1896
Applications	Western Blot : 0.5-1ug/ml
Limitations	This EDA antibody is available for research use only.



Western blot testing of EDA antibody and COLO320 lysate



Western blot testing of EDA antibody and recombinant human protein (0.5ng)

## Description

Ectodysplasin-A is a protein that in humans is encoded by the EDA gene. It is mapped to Xq13.1. The protein encoded by this gene is a type II membrane protein that can be cleaved by furin to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of ectodermal organs. Defects in this gene are a cause of ectodermal dysplasia, anhidrotic, which is also known as X-linked hypohidrotic ectodermal dysplasia.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the EDA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Human partial recombinant protein (AA 30-391) was used as the immunogen for this EDA antibody.

## Storage

After reconstitution, the EDA antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.