

**Cat No: KDXC129226****Product Name:** Gelatin Rabbit anti-Pig Polyclonal Antibody**Pack Size:** 100 µL**Host:** Rabbit**Clonality** Polyclonal**Storage:** Short term: store at 4°C. Long term: store at -20°C. Avoid repeated freeze-thaw cycles.**Description:** Gelatin antibody is an unconjugated rabbit polyclonal antibody to pig Gelatin.**Background:** Applications include the use of gelatin as a stabilizer, thickener, and texturizer in foods and in the manufacture of rubber substitutes adhesives, cements, lithographic and printing inks, plastic compounds, artificial silk, photographic plates and films, matches, and light filters for mercury lamps. In the pharmaceutical industry, gelatin is used as a suspending agent, encapsulating agent, and tablet binder; and in veterinary applications it is used as a plasma expander and hemostatic sponge. Gelatin proteins are also used as additives in purified, recombinant proteins and antibodies. Animals or humans exposed to gelatins may invoke antibody response. Often the gelatin must be removed prior to such applications. Antibodies to gelatins were produced to detect the presence of gelatins in biological samples and or to verify their removal during bioprocess development. Many people wish to avoid taking animal derived gelatin due to allergy and for religious or ethical reasons. The antibodies to gelatins can be used to detect the presence of gelatin.**Purification:** Antiserum**Specificity:** Recognizes porcine skin gelatin**Reactivity:** Pig (tested or 100% immunogen sequence identity)**Immunogen:** Gelatin, porcine skin Type A**Formulation:** PBS, 0.09% Sodium Azide**Tested applications:**

ELISA

**Recommended Dilution:**

1:1000-1:10000

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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