PAA080Eq01 Polyclonal Antibody to Interleukin 8 (IL8) Organism Species: Equus caballus; Equine (Horse) *Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PRODUCT INFORMATION] Western Bolt kDa 75 Immunogen: IL8, Equine 50 **Clonality:** Polyclonal 37 Host: Rabbit 25 Immunoglobulin Type: IgG 20 **Purification:** Affinity Chromatography. 15 Applications: WB, ICC, IHC-P, IHC-F, ELISA ←12kDa 10 Concentration: 200µg/mL **UOM:** 100µg Sample: Recombinant IL8, Equine

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant IL8 (Ala23~Pro101) expressed in E.coli.

Accession No.: RPA080Eq01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEFELRR QACRG-AVVSRITA ELRCQCIKTH SKPFNPKLIK EMRAIESGPH CENSEIIVKL VNGAEVCLNP HTKWVQIIVQ AFLKRAEGQN P

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[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against IL8. It has been selected for its ability to recognize IL8 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200 Optimal working dilutions must be determined by end user.

[<u>CONTENTS</u>]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant IL8 (Ala23~Pro101) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemilumescent (ECL). **Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN $_3$ 0.02%.

[<u>STORAGE</u>]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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