

## Product Specification Sheet

**Product:** Affinity Purified Anti-Human Huntingtin pS421 (Rabbit)

**Code:** 600-401-433

**Lot #:** 12908

**Size:** 100 µg

**Physical State:** Liquid (sterile filtered)

**Antibody Concentration:** 0.8 mg/ml (by UV absorbance at 280 nm)

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Stabilizer:** None

**Preservative:** 0.01% (w/v) Sodium Azide

**Storage Conditions:** Store vial at -20° C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of opening.

**Application Note(s):** This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown.

**Recommended Dilutions:** This product has been assayed by ELISA against 0.1 µg of the immunizing peptide. A 1:10,000 to 1:36,000 dilution of the antibody is recommended for this assay.

**Purity and Specificity:** This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.

**Immunogen:** This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to aa 416-424 of the human huntingtin gene protein (mutations cause Huntington's disease poly-GLU expansions causing plaques).

**Peptide sequence:** R-S-R-S-G-pS-I-V-E

**Note:** This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.