axiom
$$\frac{P \vdash Q, P}{\vdash \rightarrow} \qquad \frac{}{\text{axiom}}$$

$$\vdash P \rightarrow Q, P \qquad P \vdash P$$

$$\xrightarrow{\rightarrow \vdash} \qquad \frac{(P \rightarrow Q) \rightarrow P \vdash P}{\vdash \rightarrow} \qquad \frac{}{\vdash \rightarrow} \qquad \frac{}{\vdash \rightarrow} \qquad \frac{}{\vdash \rightarrow} \qquad \frac{}{\vdash \rightarrow} \qquad \frac{}{\vdash} \qquad$$